

“Mad Minutes”



**Hammocks Middle School Vertical Planning Team - Mathematics
Daily Multiplication Facts Fluency Drills - 5th Grade**

Hammocks Middle School Vertical Planning Team - Mathematics

Multiplication Facts Improvement Plan - 5th Grade

Purpose - Lack of fluency in the basic math facts is directly responsible for poor performance in higher level math courses.

Factoring, fractions, estimation, mental math, etc., are skills that are difficult/impossible without fluency in the basic math facts. The vertical math planning team suggests that each school feeding into and out of Hammocks Middle School implements a comprehensive and systematic system of daily drills in the basic skills drills beginning in 1st grade, and extending through high school. "Friday" drills can serve as a basis for documentation and remediation.

Objective - multiplication facts fluency, demonstrated by recall in 2 seconds or less, AND the ability to simplify fractions fluently.

The Plan - "Mad Minute" daily multiplication facts drills, related division facts drills, and related fractions practice

Implementation - Daily timed drills/quizzes at the beginning of each Mathematics block. Most quizzes are EXACTLY one minute long. Weeks #1 to #19 include a 2 minute quiz on Fridays. Teachers should be able to administer and grade daily quizzes in 3 minutes or less. Friday quizzes should take a roughly 5 minutes. Friday quizzes will document student progress and serve as a basis for remediation. Weekly "Mad Minutes" should be distributed on Fridays and collected the following Friday.

Week # Objective:

- 1 Multiplication facts - 2's and 3's
- 2 Multiplication facts - 4's and 5's
- 3 Multiplication facts - 2's to 5's
- 4 Multiplication facts - 6's and 7's
- 5 Multiplication facts - 2's to 7's
- 6 Multiplication facts - 8's and 9's
- 7 Multiplication facts - 2's to 9's
- 8 Multiplication facts - 11's and 12's
- 9 Multiplication facts - 11's and 12's
- 10 Multiplication facts - 2's to 12's
- 11 Multiplication facts - 2's to 12's
- 12 Multiplication facts - 2's to 12's
- 13 Multiplication facts - 2's to 12's
- 14 Division facts - 2's to 9's
- 15 Division facts - 2's to 9's
- 16 Division facts - 2's to 9's
- 17 Division facts - 2's to 12's
- 18 Division facts - 2's to 12's
- 19 Division facts - 2's to 12's

Monday to Thursday Quizzes:

30 facts
60 seconds
Grade Scale:
-1 = A
-2 = B
-3 = C
-4 = D
-5 = F

Friday Quizzes:

60 facts
120 seconds
Grade Scale:
-2 = A
-4 = B
-6 = C
-8 = D
-9 = F

Week # Objective:

- 20 Equivalent fractions x 8
- 21 Equivalent fractions x 10
- 22 Equivalent fractions x 10
- 23 Equivalent fractions x 12
- 24 Simplify 8 proper fractions
- 25 Simplify 8 proper fractions
- 26 Simplify 10 proper fractions
- 27 Simplify 10 proper fractions
- 28 Simplify 10 proper fractions
- 29 Simplify 8 improper fractions
- 30 Simplify 8 improper fractions
- 31 Simplify 8 improper fractions
- 32 Simplify 8 improper fractions

Monday to Friday Quizzes:

8 to 12 fractions problems

60 seconds

Grade Scale:

-1 = A

-2 = B

-3 = C

-4 = D

-5 = F

- 33 Multiplication facts - 2's to 12's

- 34 Division facts - 2's to 12's

- 35 Multiplication facts - 2's to 12's

- 36 Multiplication facts - 2's to 12's

Monday to Thursday Quizzes:

30 facts

60 seconds

Grade Scale:

-1 = A

-2 = B

-3 = C

-4 = D

-5 = F

Friday Quizzes:

60 facts

120 seconds

Grade Scale:

-2 = A

-4 = B

-6 = C

-8 = D

-9 = F

Mad Minutes - 5th Grade - Week #9

Multiplication Facts 11's and 12's



Name:

Date: _____

MONDAY

$$\begin{array}{r} \times 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\times 12} \\ \underline{\times 12} \\ \underline{\times 11} \\ \underline{\times 11} \\ \underline{\times 12} \\ \underline{\times 11} \\ \underline{\times 12} \\ \underline{\times 12} \\ \underline{\times 11} \\ \underline{\times 12} \end{array}$$

$$\begin{array}{r} \frac{10}{\times 12} & \frac{2}{\times 11} & \frac{10}{\times 11} & \frac{4}{\times 12} & \frac{6}{\times 12} & \frac{6}{\times 11} & \frac{8}{\times 11} & \frac{11}{\times 12} & \frac{8}{\times 12} & \frac{12}{\times 11} \end{array}$$

TUESDAY

$$\begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 2 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 8 \end{array} \quad \begin{array}{r} \underline{\times} \\ 9 \end{array} \quad \begin{array}{r} \underline{\times} \\ 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array}$$

$$\begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array}$$

$$\begin{array}{r} \underline{\times} \\ 5 \end{array} \quad \begin{array}{r} \underline{\times} \\ 6 \end{array} \quad \begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} \underline{\times} \\ 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 9 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 2 \end{array} \quad \begin{array}{r} \underline{\times} \\ 4 \end{array} \quad \begin{array}{r} \underline{\times} \\ 1 \end{array}$$

WEDNESDAY

$$\begin{array}{r} \underline{\times} \\ 12 \\ \hline 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \\ \hline 5 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 1 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \\ \hline 3 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \\ \hline 6 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 6 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \\ \hline 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} \underline{3} \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \underline{5} \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \underline{6} \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \underline{10} \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \underline{7} \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \underline{1} \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \underline{8} \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \underline{4} \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \underline{4} \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \underline{5} \\ \times 12 \\ \hline \end{array}$$

THURSDAY

$$\begin{array}{r} \underline{\times} \\ 9 \\ \hline 2 \end{array} \quad \begin{array}{r} \underline{\times} \\ 6 \\ \hline 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \\ \hline 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \\ \hline 5 \end{array} \quad \begin{array}{r} \underline{\times} \\ 8 \\ \hline 9 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \\ \hline 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 2 \\ \hline 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 9 \\ \hline 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \\ \hline 5 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 8 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} \times 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} \times 1 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 6 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 7 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 11 \\ \hline \end{array}$$

FRIDAY

$$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array} \quad \begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array} \quad \begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array} \quad \begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array} \quad \begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array} \quad \begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array} \quad \begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array} \quad \begin{array}{r} 8 \\ \times 11 \\ \hline 88 \end{array} \quad \begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array} \quad \begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array} \quad \begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array} \quad \begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array}$$

$$\begin{array}{r} \times 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 5 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 6 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 9 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 1 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} \times 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} \times 5 \\ \times 12 \end{array} \quad \begin{array}{r} \times 4 \\ \times 11 \end{array} \quad \begin{array}{r} \times 2 \\ \times 12 \end{array} \quad \begin{array}{r} \times 10 \\ \times 10 \end{array} \quad \begin{array}{r} \times 2 \\ \times 10 \end{array} \quad \begin{array}{r} \times 7 \\ \times 8 \end{array} \quad \begin{array}{r} \times 2 \\ \times 2 \end{array} \quad \begin{array}{r} \times 8 \\ \times 7 \end{array} \quad \begin{array}{r} \times 6 \\ \times 10 \end{array} \quad \begin{array}{r} \times 5 \\ \times 5 \end{array}$$

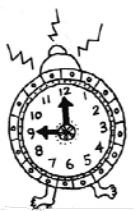
$$\times \quad 3 \quad \quad \times \quad 5 \quad \quad \times \quad 1 \quad \quad \times \quad 8 \quad \quad \times \quad 7 \quad \quad \times \quad 11 \quad \quad \times \quad 9 \quad \quad \times \quad 1 \quad \quad \times \quad 10 \quad \quad \times \quad 11$$

$\times \quad 11 \quad \times \quad 2 \quad \times \quad 11 \quad \times \quad 11 \quad \times \quad 2 \quad \times \quad 11 \quad \times \quad 10 \quad \times \quad 6 \quad \times \quad 11 \quad \times \quad 12$

$$\begin{array}{cccccccccccc} \times & 9 & & \times & 1 & & \times & 4 & & \times & 11 & & \times & 6 & & \times & 9 & & \times & 11 & & \times & 10 & & \times & 2 & & \times & 2 \\ \times & 11 & & \times & 5 & & \times & 1 & & \times & 8 & & \times & 5 & & \times & 1 & & \times & 10 & & \times & 6 & & \times & 8 & & \times & 11 \end{array}$$

Mad Minutes - 5th Grade - Week #11

Multiplication Facts 2's to 12's



Name:

Date:

MONDAY

$$\begin{array}{r} 7 \\ \times 12 \\ \hline 7 \\ \times 11 \\ \hline 6 \\ \times 2 \\ \hline 5 \\ \times 2 \\ \hline 2 \\ \times 11 \\ \hline 7 \\ \times 10 \\ \hline 10 \\ \times 4 \\ \hline 5 \\ \times 5 \\ \hline 7 \\ \times 8 \\ \hline 10 \\ \times 11 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

TUESDAY

$$\begin{array}{r} \times 7 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} \times 6 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} \times 5 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} \times 4 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 10 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 8 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} \begin{array}{r} 11 \\ \times 5 \\ \hline \end{array} & \begin{array}{r} 2 \\ \times 6 \\ \hline \end{array} & \begin{array}{r} 7 \\ \times 10 \\ \hline \end{array} & \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} & \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} & \begin{array}{r} 5 \\ \times 4 \\ \hline \end{array} & \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} & \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} & \begin{array}{r} 10 \\ \times 5 \\ \hline \end{array} & \begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} \times 10 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} \times 2 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} \times 5 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} \times 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} \times 12 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} \times 3 \\ \times 10 \\ \hline \end{array}$$

WEDNESDAY

$$\begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 9 \end{array} \quad \begin{array}{r} \underline{\times} \\ 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 5 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 4 \end{array}$$

$$\begin{array}{r} 7 \\ \times 12 \\ \hline 14 \\ 70 \\ \hline 84 \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline 42 \\ 42 \\ \hline 42 \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline 32 \\ 32 \\ \hline 32 \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline 120 \\ 120 \\ \hline 120 \end{array} \quad \begin{array}{r} 1 \\ \times 10 \\ \hline 10 \\ 10 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ \times 12 \\ \hline 6 \\ 12 \\ \hline 36 \end{array} \quad \begin{array}{r} 10 \\ \times 5 \\ \hline 50 \\ 10 \\ \hline 50 \end{array} \quad \begin{array}{r} 10 \\ \times 3 \\ \hline 30 \\ 10 \\ \hline 30 \end{array} \quad \begin{array}{r} 5 \\ \times 11 \\ \hline 55 \\ 5 \\ \hline 55 \end{array} \quad \begin{array}{r} 3 \\ \times 8 \\ \hline 24 \\ 3 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array} \quad \begin{array}{r} 12 \\ \times 2 \\ \hline 24 \end{array} \quad \begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array} \quad \begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array} \quad \begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$$

THURSDAY

$$\begin{array}{r} \begin{array}{r} 6 & & & & & & & & & \\ \times 7 & \times 10 & \times 4 & \times 12 & \times 12 & \times 10 & \times 9 & \times 3 & \times 3 & \times 10 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r}
 8 & 8 & 5 & 6 & 4 & 11 & 9 & 2 & 6 & 9 \\
 \times 6 & \times 12 & \times 7 & \times 7 & \times 3 & \times 11 & \times 2 & \times 10 & \times 11 & \times 4 \\
 \hline
\end{array}$$

$$\begin{array}{r} \times 5 \\ \times 3 \end{array} \quad \begin{array}{r} \times 5 \\ \times 10 \end{array} \quad \begin{array}{r} \times 11 \\ \times 5 \end{array} \quad \begin{array}{r} \times 3 \\ \times 12 \end{array} \quad \begin{array}{r} \times 10 \\ \times 4 \end{array} \quad \begin{array}{r} \times 12 \\ \times 10 \end{array} \quad \begin{array}{r} \times 10 \\ \times 11 \end{array} \quad \begin{array}{r} \times 1 \\ \times 11 \end{array} \quad \begin{array}{r} \times 2 \\ \times 11 \end{array} \quad \begin{array}{r} \times 6 \\ \times 12 \end{array}$$

FRIDAY

$$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array} \quad \begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array} \quad \begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array} \quad \begin{array}{r} 3 \\ \times 10 \\ \hline 30 \end{array} \quad \begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array} \quad \begin{array}{r} 3 \\ \times 11 \\ \hline 33 \end{array} \quad \begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array} \quad \begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$$

$$\times \quad 10 \quad \quad \times \quad 8 \quad \quad \times \quad 10 \quad \quad \times \quad 4 \quad \quad \times \quad 8 \quad \quad \times \quad 7 \quad \quad \times \quad 7 \quad \quad \times \quad 5 \quad \quad \times \quad 9 \quad \quad \times \quad 11$$

$$\times \quad 4 \quad \quad \times \quad 6 \quad \quad \times \quad 11 \quad \quad \times \quad 11 \quad \quad \times \quad 12 \quad \quad \times \quad 5 \quad \quad \times \quad 11 \quad \quad \times \quad 12 \quad \quad \times \quad 1 \quad \quad \times \quad 4$$

$$\begin{array}{r} 8 \\ \times 11 \\ \hline 88 \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array} \quad \begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array} \quad \begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array} \quad \begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array} \quad \begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array} \quad \begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ \times 12 \\ \hline 36 \end{array} \quad \begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array} \quad \begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array} \quad \begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array} \quad \begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array} \quad \begin{array}{r} 11 \\ \times 1 \\ \hline 11 \end{array} \quad \begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array} \quad \begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array} \quad \begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\times \quad 7 \quad \quad \times \quad 8 \quad \quad \times \quad 1 \quad \quad \times \quad 3 \quad \quad \times \quad 8 \quad \quad \times \quad 10 \quad \quad \times \quad 11 \quad \quad \times \quad 12 \quad \quad \times \quad 9 \quad \quad \times \quad 6 \quad \quad \times \quad 11 \quad \quad \times \quad 12$$

$$\times \quad 9 \quad \quad \times \quad 5 \quad \quad \times \quad 4 \quad \quad \times \quad 1 \quad \quad \times \quad 11 \quad \quad \times \quad 3 \quad \quad \times \quad 12 \quad \quad \times \quad 1 \quad \quad \times \quad 2 \quad \quad \times \quad 5$$

$$\times \quad 12 \quad \times \quad 2 \quad \times \quad 4 \quad \times \quad 1 \quad \times \quad 12 \quad \times \quad 11 \quad \times \quad 12 \quad \times \quad 11 \quad \times \quad 11 \quad \times \quad 5$$

Mad Minutes - 5th Grade - Week #14
Division Facts 2's to 9's



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MONDAY

$$4) \overline{16} \quad 5) \overline{15} \quad 8) \overline{64} \quad 6) \overline{36} \quad 5) \overline{40} \quad 9) \overline{63} \quad 3) \overline{18} \quad 3) \overline{21} \quad 9) \overline{81} \quad 6) \overline{24}$$

$$6) \overline{42} \quad 3) \overline{24} \quad 3) \overline{27} \quad 7) \overline{42} \quad 5) \overline{35} \quad 6) \overline{18} \quad 7) \overline{35} \quad 4) \overline{36} \quad 7) \overline{28} \quad 2) \overline{8}$$

$$8) \overline{40} \quad 4) \overline{32} \quad 2) \overline{16} \quad 6) \overline{12} \quad 7) \overline{49} \quad 2) \overline{4} \quad 8) \overline{16} \quad 4) \overline{20} \quad 8) \overline{72} \quad 2) \overline{12}$$

TUESDAY

$$6) \overline{18} \quad 9) \overline{45} \quad 4) \overline{16} \quad 8) \overline{56} \quad 6) \overline{24} \quad 9) \overline{63} \quad 3) \overline{24} \quad 8) \overline{72} \quad 4) \overline{24} \quad 6) \overline{54}$$

$$5) \overline{20} \quad 4) \overline{36} \quad 4) \overline{32} \quad 9) \overline{18} \quad 7) \overline{42} \quad 3) \overline{15} \quad 7) \overline{28} \quad 8) \overline{40} \quad 5) \overline{25} \quad 5) \overline{10}$$

$$3) \overline{12} \quad 4) \overline{20} \quad 5) \overline{40} \quad 9) \overline{54} \quad 5) \overline{15} \quad 8) \overline{24} \quad 3) \overline{6} \quad 8) \overline{64} \quad 7) \overline{21} \quad 3) \overline{18}$$

WEDNESDAY

$$8) \overline{72} \quad 6) \overline{42} \quad 6) \overline{48} \quad 2) \overline{10} \quad 9) \overline{54} \quad 9) \overline{63} \quad 3) \overline{12} \quad 7) \overline{28} \quad 8) \overline{24} \quad 5) \overline{20}$$

$$9) \overline{27} \quad 6) \overline{54} \quad 3) \overline{24} \quad 4) \overline{28} \quad 6) \overline{30} \quad 4) \overline{16} \quad 2) \overline{16} \quad 7) \overline{42} \quad 3) \overline{18} \quad 2) \overline{8}$$

$$9) \overline{72} \quad 2) \overline{14} \quad 8) \overline{48} \quad 3) \overline{15} \quad 8) \overline{40} \quad 4) \overline{24} \quad 7) \overline{21} \quad 5) \overline{15} \quad 5) \overline{40} \quad 4) \overline{32}$$

THURSDAY

$$\begin{array}{l} 6\overline{)24} \quad 2\overline{)18} \quad 3\overline{)12} \quad 2\overline{)8} \quad 2\overline{)6} \quad 8\overline{)48} \quad 9\overline{)18} \quad 5\overline{)35} \quad 6\overline{)12} \quad 5\overline{)30} \\ \\ 6\overline{)18} \quad 9\overline{)72} \quad 4\overline{)32} \quad 7\overline{)42} \quad 8\overline{)56} \quad 5\overline{)15} \quad 5\overline{)45} \quad 2\overline{)16} \quad 5\overline{)20} \quad 3\overline{)18} \\ \\ 6\overline{)30} \quad 4\overline{)24} \quad 2\overline{)12} \quad 7\overline{)35} \quad 3\overline{)15} \quad 4\overline{)12} \quad 7\overline{)49} \quad 4\overline{)16} \quad 8\overline{)64} \quad 4\overline{)28} \end{array}$$

FRIDAY

$$\begin{array}{l} 5\overline{)25} \quad 6\overline{)42} \quad 7\overline{)63} \quad 6\overline{)24} \quad 3\overline{)6} \quad 7\overline{)56} \quad 7\overline{)42} \quad 2\overline{)18} \quad 4\overline{)20} \quad 6\overline{)36} \\ \\ 5\overline{)30} \quad 9\overline{)72} \quad 6\overline{)48} \quad 8\overline{)32} \quad 3\overline{)21} \quad 3\overline{)9} \quad 2\overline{)6} \quad 6\overline{)12} \quad 7\overline{)21} \quad 3\overline{)15} \\ \\ 9\overline{)63} \quad 5\overline{)10} \quad 5\overline{)20} \quad 7\overline{)49} \quad 2\overline{)8} \quad 2\overline{)10} \quad 5\overline{)15} \quad 8\overline{)48} \quad 5\overline{)40} \quad 4\overline{)32} \\ \\ 4\overline{)8} \quad 7\overline{)28} \quad 4\overline{)28} \quad 7\overline{)35} \quad 8\overline{)72} \quad 8\overline{)64} \quad 2\overline{)14} \quad 7\overline{)14} \quad 6\overline{)18} \quad 8\overline{)24} \\ \\ 8\overline{)40} \quad 4\overline{)24} \quad 6\overline{)30} \quad 3\overline{)24} \quad 8\overline{)16} \quad 9\overline{)36} \quad 8\overline{)56} \quad 2\overline{)4} \quad 3\overline{)18} \quad 4\overline{)36} \\ \\ 5\overline{)35} \quad 4\overline{)12} \quad 5\overline{)45} \quad 3\overline{)12} \quad 9\overline{)45} \quad 2\overline{)12} \quad 4\overline{)16} \quad 9\overline{)18} \quad 6\overline{)54} \quad 3\overline{)27} \end{array}$$

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MONDAY

$2 \overline{) 10} \quad 4 \overline{) 8} \quad 8 \overline{) 56} \quad 3 \overline{) 18} \quad 4 \overline{) 16} \quad 3 \overline{) 24} \quad 7 \overline{) 21} \quad 7 \overline{) 28} \quad 4 \overline{) 32} \quad 2 \overline{) 12}$

$4 \overline{) 12} \quad 6 \overline{) 48} \quad 3 \overline{) 9} \quad 9 \overline{) 54} \quad 7 \overline{) 35} \quad 8 \overline{) 32} \quad 7 \overline{) 56} \quad 5 \overline{) 30} \quad 8 \overline{) 16} \quad 9 \overline{) 63}$

$7 \overline{) 14} \quad 8 \overline{) 40} \quad 8 \overline{) 72} \quad 6 \overline{) 54} \quad 7 \overline{) 49} \quad 5 \overline{) 35} \quad 8 \overline{) 48} \quad 5 \overline{) 25} \quad 6 \overline{) 42} \quad 3 \overline{) 21}$

TUESDAY

$8 \overline{) 32} \quad 9 \overline{) 27} \quad 8 \overline{) 40} \quad 6 \overline{) 54} \quad 5 \overline{) 15} \quad 4 \overline{) 16} \quad 6 \overline{) 24} \quad 5 \overline{) 20} \quad 9 \overline{) 36} \quad 7 \overline{) 35}$

$9 \overline{) 54} \quad 8 \overline{) 24} \quad 3 \overline{) 15} \quad 7 \overline{) 21} \quad 6 \overline{) 42} \quad 9 \overline{) 45} \quad 6 \overline{) 48} \quad 5 \overline{) 30} \quad 3 \overline{) 9} \quad 5 \overline{) 35}$

$9 \overline{) 63} \quad 7 \overline{) 28} \quad 2 \overline{) 10} \quad 3 \overline{) 24} \quad 8 \overline{) 56} \quad 5 \overline{) 40} \quad 4 \overline{) 28} \quad 4 \overline{) 20} \quad 7 \overline{) 42} \quad 5 \overline{) 10}$

WEDNESDAY

$8 \overline{) 32} \quad 3 \overline{) 21} \quad 5 \overline{) 40} \quad 3 \overline{) 18} \quad 2 \overline{) 14} \quad 6 \overline{) 42} \quad 5 \overline{) 10} \quad 4 \overline{) 24} \quad 4 \overline{) 16} \quad 5 \overline{) 15}$

$3 \overline{) 12} \quad 7 \overline{) 42} \quad 3 \overline{) 6} \quad 2 \overline{) 12} \quad 8 \overline{) 48} \quad 6 \overline{) 18} \quad 5 \overline{) 30} \quad 5 \overline{) 45} \quad 8 \overline{) 24} \quad 4 \overline{) 36}$

$4 \overline{) 12} \quad 7 \overline{) 28} \quad 9 \overline{) 18} \quad 7 \overline{) 14} \quad 7 \overline{) 49} \quad 4 \overline{) 32} \quad 6 \overline{) 24} \quad 5 \overline{) 25} \quad 7 \overline{) 63} \quad 8 \overline{) 56}$

THURSDAY

$$\begin{array}{r} 8 \overline{) 72} \\ 3 \overline{) 15} \\ 9 \overline{) 36} \\ 4 \overline{) 32} \\ 5 \overline{) 35} \\ 8 \overline{) 40} \\ 5 \overline{) 40} \\ 8 \overline{) 64} \\ 6 \overline{) 18} \\ 2 \overline{) 14} \end{array}$$

$$\begin{array}{r} 7 \overline{) 14} \\ 3 \overline{) 6} \\ 4 \overline{) 28} \\ 8 \overline{) 48} \\ 7 \overline{) 42} \\ 4 \overline{) 24} \\ 9 \overline{) 81} \\ 3 \overline{) 27} \\ 3 \overline{) 21} \\ 9 \overline{) 45} \end{array}$$

$$\begin{array}{r} 7 \overline{) 56} \\ 8 \overline{) 32} \\ 6 \overline{) 42} \\ 6 \overline{) 54} \\ 8 \overline{) 56} \\ 7 \overline{) 49} \\ 8 \overline{) 16} \\ 3 \overline{) 18} \\ 2 \overline{) 10} \\ 8 \overline{) 24} \end{array}$$

FRIDAY

$$\begin{array}{r} 6 \overline{) 36} \\ 2 \overline{) 14} \\ 9 \overline{) 54} \\ 9 \overline{) 81} \\ 4 \overline{) 12} \\ 3 \overline{) 27} \\ 2 \overline{) 8} \\ 7 \overline{) 28} \\ 9 \overline{) 45} \\ 3 \overline{) 15} \end{array}$$

$$\begin{array}{r} 7 \overline{) 42} \\ 6 \overline{) 42} \\ 5 \overline{) 20} \\ 3 \overline{) 9} \\ 3 \overline{) 12} \\ 8 \overline{) 40} \\ 8 \overline{) 24} \\ 7 \overline{) 63} \\ 9 \overline{) 36} \\ 8 \overline{) 64} \end{array}$$

$$\begin{array}{r} 5 \overline{) 15} \\ 5 \overline{) 40} \\ 2 \overline{) 10} \\ 4 \overline{) 28} \\ 9 \overline{) 63} \\ 3 \overline{) 18} \\ 6 \overline{) 12} \\ 7 \overline{) 49} \\ 6 \overline{) 48} \\ 5 \overline{) 25} \end{array}$$

$$\begin{array}{r} 7 \overline{) 14} \\ 4 \overline{) 20} \\ 4 \overline{) 16} \\ 9 \overline{) 18} \\ 3 \overline{) 24} \\ 7 \overline{) 21} \\ 6 \overline{) 54} \\ 4 \overline{) 24} \\ 5 \overline{) 45} \\ 5 \overline{) 35} \end{array}$$

$$\begin{array}{r} 7 \overline{) 35} \\ 2 \overline{) 12} \\ 3 \overline{) 6} \\ 8 \overline{) 56} \\ 3 \overline{) 21} \\ 2 \overline{) 6} \\ 8 \overline{) 32} \\ 6 \overline{) 24} \\ 8 \overline{) 48} \\ 5 \overline{) 30} \end{array}$$

$$\begin{array}{r} 4 \overline{) 8} \\ 4 \overline{) 36} \\ 9 \overline{) 72} \\ 4 \overline{) 32} \\ 2 \overline{) 18} \\ 8 \overline{) 72} \\ 7 \overline{) 56} \\ 6 \overline{) 18} \\ 6 \overline{) 30} \\ 8 \overline{) 16} \end{array}$$

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MONDAY

$6 \overline{) 48} \quad 6 \overline{) 42} \quad 4 \overline{) 32} \quad 5 \overline{) 35} \quad 7 \overline{) 49} \quad 8 \overline{) 24} \quad 6 \overline{) 18} \quad 6 \overline{) 24} \quad 6 \overline{) 36} \quad 9 \overline{) 45}$

$8 \overline{) 64} \quad 3 \overline{) 24} \quad 3 \overline{) 27} \quad 4 \overline{) 24} \quad 5 \overline{) 15} \quad 3 \overline{) 12} \quad 6 \overline{) 54} \quad 7 \overline{) 14} \quad 7 \overline{) 35} \quad 4 \overline{) 20}$

$7 \overline{) 21} \quad 3 \overline{) 9} \quad 3 \overline{) 21} \quad 5 \overline{) 20} \quad 5 \overline{) 30} \quad 5 \overline{) 25} \quad 8 \overline{) 56} \quad 2 \overline{) 8} \quad 7 \overline{) 63} \quad 5 \overline{) 45}$

TUESDAY

$9 \overline{) 72} \quad 8 \overline{) 64} \quad 8 \overline{) 56} \quad 7 \overline{) 42} \quad 9 \overline{) 27} \quad 4 \overline{) 28} \quad 6 \overline{) 12} \quad 5 \overline{) 35} \quad 5 \overline{) 30} \quad 3 \overline{) 24}$

$3 \overline{) 21} \quad 2 \overline{) 18} \quad 4 \overline{) 36} \quad 6 \overline{) 24} \quad 7 \overline{) 21} \quad 8 \overline{) 40} \quad 3 \overline{) 18} \quad 3 \overline{) 15} \quad 6 \overline{) 48} \quad 7 \overline{) 63}$

$8 \overline{) 24} \quad 8 \overline{) 72} \quad 8 \overline{) 32} \quad 3 \overline{) 12} \quad 4 \overline{) 32} \quad 6 \overline{) 54} \quad 7 \overline{) 28} \quad 5 \overline{) 25} \quad 4 \overline{) 24} \quad 6 \overline{) 42}$

WEDNESDAY

$7 \overline{) 56} \quad 6 \overline{) 42} \quad 4 \overline{) 32} \quad 8 \overline{) 64} \quad 8 \overline{) 16} \quad 8 \overline{) 40} \quad 2 \overline{) 18} \quad 3 \overline{) 12} \quad 5 \overline{) 35} \quad 7 \overline{) 35}$

$5 \overline{) 45} \quad 3 \overline{) 6} \quad 8 \overline{) 48} \quad 3 \overline{) 9} \quad 4 \overline{) 24} \quad 4 \overline{) 36} \quad 5 \overline{) 40} \quad 2 \overline{) 8} \quad 4 \overline{) 12} \quad 6 \overline{) 30}$

$4 \overline{) 8} \quad 3 \overline{) 27} \quad 8 \overline{) 32} \quad 5 \overline{) 20} \quad 2 \overline{) 6} \quad 6 \overline{) 18} \quad 3 \overline{) 15} \quad 7 \overline{) 42} \quad 9 \overline{) 54} \quad 2 \overline{) 12}$

THURSDAY

$$\begin{array}{r} 8 \overline{) 64} \\ 7 \overline{) 42} \\ 2 \overline{) 10} \\ 4 \overline{) 20} \\ 7 \overline{) 28} \\ 9 \overline{) 72} \\ 7 \overline{) 49} \\ 3 \overline{) 6} \\ 8 \overline{) 24} \\ 9 \overline{) 27} \end{array}$$

$$\begin{array}{r} 4 \overline{) 36} \\ 3 \overline{) 27} \\ 5 \overline{) 35} \\ 8 \overline{) 56} \\ 3 \overline{) 18} \\ 7 \overline{) 14} \\ 4 \overline{) 28} \\ 6 \overline{) 30} \\ 3 \overline{) 15} \\ 5 \overline{) 45} \end{array}$$

$$\begin{array}{r} 5 \overline{) 40} \\ 6 \overline{) 18} \\ 4 \overline{) 12} \\ 6 \overline{) 54} \\ 8 \overline{) 48} \\ 5 \overline{) 25} \\ 3 \overline{) 9} \\ 6 \overline{) 36} \\ 9 \overline{) 54} \\ 8 \overline{) 40} \end{array}$$

FRIDAY

$$\begin{array}{r} 8 \overline{) 32} \\ 4 \overline{) 20} \\ 4 \overline{) 16} \\ 3 \overline{) 27} \\ 6 \overline{) 18} \\ 3 \overline{) 15} \\ 7 \overline{) 28} \\ 4 \overline{) 28} \\ 4 \overline{) 24} \\ 8 \overline{) 64} \end{array}$$

$$\begin{array}{r} 4 \overline{) 12} \\ 3 \overline{) 9} \\ 8 \overline{) 24} \\ 8 \overline{) 56} \\ 7 \overline{) 49} \\ 7 \overline{) 21} \\ 6 \overline{) 24} \\ 6 \overline{) 48} \\ 5 \overline{) 35} \\ 5 \overline{) 45} \end{array}$$

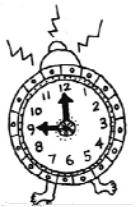
$$\begin{array}{r} 6 \overline{) 42} \\ 8 \overline{) 72} \\ 2 \overline{) 12} \\ 3 \overline{) 12} \\ 7 \overline{) 14} \\ 3 \overline{) 24} \\ 9 \overline{) 18} \\ 9 \overline{) 27} \\ 4 \overline{) 8} \\ 6 \overline{) 30} \end{array}$$

$$\begin{array}{r} 3 \overline{) 18} \\ 5 \overline{) 15} \\ 6 \overline{) 36} \\ 3 \overline{) 21} \\ 9 \overline{) 54} \\ 2 \overline{) 8} \\ 9 \overline{) 72} \\ 5 \overline{) 20} \\ 5 \overline{) 10} \\ 8 \overline{) 40} \end{array}$$

$$\begin{array}{r} 3 \overline{) 6} \\ 9 \overline{) 63} \\ 7 \overline{) 35} \\ 6 \overline{) 54} \\ 5 \overline{) 30} \\ 9 \overline{) 36} \\ 5 \overline{) 40} \\ 2 \overline{) 6} \\ 6 \overline{) 12} \\ 5 \overline{) 25} \end{array}$$

$$\begin{array}{r} 7 \overline{) 63} \\ 2 \overline{) 16} \\ 8 \overline{) 48} \\ 7 \overline{) 42} \\ 9 \overline{) 45} \\ 8 \overline{) 16} \\ 7 \overline{) 56} \\ 2 \overline{) 4} \\ 2 \overline{) 14} \\ 4 \overline{) 36} \end{array}$$

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$10 \overline{) 40} \quad 9 \overline{) 81} \quad 8 \overline{) 72} \quad 12 \overline{) 36} \quad 8 \overline{) 80} \quad 8 \overline{) 96} \quad 4 \overline{) 28} \quad 7 \overline{) 28} \quad 3 \overline{) 18} \quad 5 \overline{) 15}$

$4 \overline{) 20} \quad 4 \overline{) 32} \quad 11 \overline{) 55} \quad 9 \overline{) 27} \quad 9 \overline{) 108} \quad 9 \overline{) 54} \quad 10 \overline{) 20} \quad 7 \overline{) 49} \quad 2 \overline{) 24} \quad 9 \overline{) 72}$

$6 \overline{) 18} \quad 10 \overline{) 80} \quad 9 \overline{) 63} \quad 6 \overline{) 36} \quad 10 \overline{) 70} \quad 11 \overline{) 88} \quad 12 \overline{) 48} \quad 2 \overline{) 8} \quad 10 \overline{) 50} \quad 3 \overline{) 33}$

TUESDAY

$5 \overline{) 45} \quad 3 \overline{) 12} \quad 3 \overline{) 9} \quad 12 \overline{) 24} \quad 4 \overline{) 12} \quad 9 \overline{) 81} \quad 9 \overline{) 27} \quad 7 \overline{) 49} \quad 11 \overline{) 66} \quad 11 \overline{) 44}$

$5 \overline{) 25} \quad 6 \overline{) 54} \quad 4 \overline{) 44} \quad 7 \overline{) 77} \quad 4 \overline{) 20} \quad 6 \overline{) 30} \quad 7 \overline{) 70} \quad 5 \overline{) 50} \quad 3 \overline{) 21} \quad 5 \overline{) 30}$

$6 \overline{) 66} \quad 8 \overline{) 24} \quad 10 \overline{) 70} \quad 11 \overline{) 22} \quad 7 \overline{) 42} \quad 5 \overline{) 20} \quad 12 \overline{) 72} \quad 2 \overline{) 16} \quad 9 \overline{) 63} \quad 2 \overline{) 10}$

WEDNESDAY

$3 \overline{) 12} \quad 4 \overline{) 28} \quad 10 \overline{) 120} \quad 8 \overline{) 88} \quad 11 \overline{) 88} \quad 11 \overline{) 99} \quad 7 \overline{) 49} \quad 9 \overline{) 99} \quad 5 \overline{) 30} \quad 5 \overline{) 55}$

$11 \overline{) 77} \quad 12 \overline{) 60} \quad 5 \overline{) 45} \quad 5 \overline{) 50} \quad 3 \overline{) 15} \quad 4 \overline{) 32} \quad 10 \overline{) 20} \quad 7 \overline{) 63} \quad 10 \overline{) 70} \quad 8 \overline{) 24}$

$5 \overline{) 25} \quad 4 \overline{) 12} \quad 6 \overline{) 54} \quad 4 \overline{) 48} \quad 6 \overline{) 48} \quad 7 \overline{) 21} \quad 7 \overline{) 70} \quad 8 \overline{) 32} \quad 8 \overline{) 96} \quad 4 \overline{) 36}$

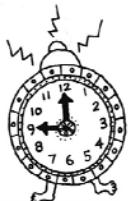
THURSDAY

$$\begin{array}{l} 3\overline{)33} \quad 12\overline{)60} \quad 12\overline{)96} \quad 11\overline{)33} \quad 5\overline{)20} \quad 7\overline{)70} \quad 12\overline{)132} \quad 11\overline{)55} \quad 5\overline{)25} \quad 3\overline{)9} \\ \\ 3\overline{)12} \quad 7\overline{)49} \quad 4\overline{)28} \quad 3\overline{)24} \quad 11\overline{)77} \quad 7\overline{)35} \quad 3\overline{)18} \quad 2\overline{)14} \quad 9\overline{)99} \quad 2\overline{)18} \\ \\ 4\overline{)24} \quad 7\overline{)56} \quad 10\overline{)90} \quad 10\overline{)50} \quad 10\overline{)40} \quad 8\overline{)88} \quad 5\overline{)35} \quad 4\overline{)40} \quad 9\overline{)36} \quad 10\overline{)70} \end{array}$$

FRIDAY

$$\begin{array}{l} 11\overline{)66} \quad 8\overline{)48} \quad 5\overline{)35} \quad 11\overline{)110} \quad 10\overline{)40} \quad 12\overline{)96} \quad 10\overline{)60} \quad 5\overline{)40} \quad 9\overline{)36} \quad 7\overline{)77} \\ \\ 11\overline{)33} \quad 4\overline{)16} \quad 10\overline{)80} \quad 4\overline{)44} \quad 4\overline{)28} \quad 8\overline{)40} \quad 9\overline{)99} \quad 2\overline{)10} \quad 5\overline{)50} \quad 3\overline{)9} \\ \\ 7\overline{)56} \quad 9\overline{)27} \quad 2\overline{)16} \quad 3\overline{)21} \quad 9\overline{)90} \quad 4\overline{)20} \quad 8\overline{)72} \quad 5\overline{)10} \quad 9\overline{)63} \quad 8\overline{)24} \\ \\ 12\overline{)36} \quad 6\overline{)18} \quad 8\overline{)88} \quad 10\overline{)50} \quad 2\overline{)8} \quad 4\overline{)40} \quad 8\overline{)80} \quad 6\overline{)48} \quad 10\overline{)110} \quad 4\overline{)48} \\ \\ 11\overline{)77} \quad 3\overline{)30} \quad 12\overline{)120} \quad 4\overline{)24} \quad 11\overline{)44} \quad 9\overline{)45} \quad 10\overline{)70} \quad 9\overline{)108} \quad 7\overline{)70} \quad 3\overline{)24} \\ \\ 6\overline{)42} \quad 6\overline{)66} \quad 9\overline{)81} \quad 3\overline{)36} \quad 3\overline{)15} \quad 10\overline{)30} \quad 7\overline{)21} \quad 6\overline{)36} \quad 9\overline{)18} \quad 7\overline{)42} \end{array}$$

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$$3 \overline{) 12} \quad 8 \overline{) 72} \quad 4 \overline{) 24} \quad 10 \overline{) 40} \quad 5 \overline{) 35} \quad 4 \overline{) 12} \quad 3 \overline{) 24} \quad 5 \overline{) 40} \quad 2 \overline{) 4} \quad 11 \overline{) 77}$$

$$11 \overline{) 66} \quad 3 \overline{) 6} \quad 8 \overline{) 24} \quad 6 \overline{) 24} \quad 7 \overline{) 70} \quad 6 \overline{) 54} \quad 8 \overline{) 48} \quad 11 \overline{) 55} \quad 7 \overline{) 35} \quad 10 \overline{) 110}$$

$$4 \overline{) 16} \quad 4 \overline{) 32} \quad 4 \overline{) 36} \quad 3 \overline{) 9} \quad 7 \overline{) 63} \quad 3 \overline{) 21} \quad 4 \overline{) 8} \quad 2 \overline{) 16} \quad 8 \overline{) 56} \quad 9 \overline{) 45}$$

TUESDAY

$$5 \overline{) 40} \quad 12 \overline{) 96} \quad 3 \overline{) 27} \quad 8 \overline{) 40} \quad 10 \overline{) 60} \quad 7 \overline{) 63} \quad 3 \overline{) 33} \quad 8 \overline{) 64} \quad 6 \overline{) 30} \quad 5 \overline{) 35}$$

$$8 \overline{) 16} \quad 4 \overline{) 44} \quad 5 \overline{) 55} \quad 9 \overline{) 45} \quad 7 \overline{) 35} \quad 8 \overline{) 56} \quad 3 \overline{) 30} \quad 10 \overline{) 100} \quad 11 \overline{) 88} \quad 4 \overline{) 24}$$

$$2 \overline{) 20} \quad 3 \overline{) 36} \quad 7 \overline{) 28} \quad 6 \overline{) 12} \quad 11 \overline{) 55} \quad 8 \overline{) 32} \quad 6 \overline{) 48} \quad 5 \overline{) 10} \quad 2 \overline{) 24} \quad 6 \overline{) 54}$$

WEDNESDAY

$$5 \overline{) 30} \quad 6 \overline{) 72} \quad 6 \overline{) 12} \quad 5 \overline{) 15} \quad 4 \overline{) 28} \quad 6 \overline{) 54} \quad 3 \overline{) 18} \quad 3 \overline{) 9} \quad 11 \overline{) 110} \quad 11 \overline{) 44}$$

$$10 \overline{) 110} \quad 6 \overline{) 66} \quad 8 \overline{) 40} \quad 4 \overline{) 32} \quad 7 \overline{) 42} \quad 9 \overline{) 27} \quad 10 \overline{) 60} \quad 8 \overline{) 88} \quad 11 \overline{) 88} \quad 2 \overline{) 24}$$

$$3 \overline{) 24} \quad 7 \overline{) 49} \quad 7 \overline{) 70} \quad 7 \overline{) 28} \quad 8 \overline{) 56} \quad 6 \overline{) 18} \quad 2 \overline{) 6} \quad 2 \overline{) 4} \quad 8 \overline{) 64} \quad 7 \overline{) 14}$$

THURSDAY

$$\begin{array}{r} 11 \overline{) 88} \\ 9 \overline{) 27} \\ 4 \overline{) 44} \\ 10 \overline{) 100} \\ 12 \overline{) 144} \\ 6 \overline{) 12} \\ 3 \overline{) 33} \\ 10 \overline{) 110} \\ 8 \overline{) 64} \\ 5 \overline{) 15} \end{array}$$

$$\begin{array}{r} 5 \overline{) 30} \\ 4 \overline{) 40} \\ 11 \overline{) 66} \\ 11 \overline{) 33} \\ 8 \overline{) 80} \\ 3 \overline{) 15} \\ 9 \overline{) 63} \\ 8 \overline{) 88} \\ 3 \overline{) 18} \\ 12 \overline{) 60} \end{array}$$

$$\begin{array}{r} 9 \overline{) 90} \\ 7 \overline{) 42} \\ 9 \overline{) 99} \\ 8 \overline{) 24} \\ 6 \overline{) 66} \\ 6 \overline{) 36} \\ 9 \overline{) 72} \\ 11 \overline{) 99} \\ 3 \overline{) 12} \\ 6 \overline{) 48} \end{array}$$

FRIDAY

$$\begin{array}{r} 6 \overline{) 66} \\ 10 \overline{) 40} \\ 9 \overline{) 108} \\ 5 \overline{) 35} \\ 10 \overline{) 100} \\ 2 \overline{) 6} \\ 11 \overline{) 121} \\ 10 \overline{) 70} \\ 6 \overline{) 18} \\ 11 \overline{) 44} \end{array}$$

$$\begin{array}{r} 10 \overline{) 120} \\ 8 \overline{) 32} \\ 4 \overline{) 16} \\ 5 \overline{) 10} \\ 9 \overline{) 54} \\ 7 \overline{) 56} \\ 7 \overline{) 84} \\ 5 \overline{) 20} \\ 4 \overline{) 24} \\ 3 \overline{) 12} \end{array}$$

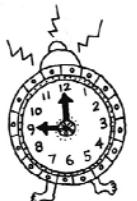
$$\begin{array}{r} 10 \overline{) 80} \\ 11 \overline{) 33} \\ 11 \overline{) 88} \\ 4 \overline{) 12} \\ 5 \overline{) 40} \\ 12 \overline{) 84} \\ 8 \overline{) 40} \\ 5 \overline{) 30} \\ 7 \overline{) 77} \\ 3 \overline{) 18} \end{array}$$

$$\begin{array}{r} 11 \overline{) 77} \\ 3 \overline{) 27} \\ 4 \overline{) 48} \\ 5 \overline{) 15} \\ 5 \overline{) 25} \\ 3 \overline{) 9} \\ 8 \overline{) 72} \\ 6 \overline{) 36} \\ 3 \overline{) 24} \\ 4 \overline{) 40} \end{array}$$

$$\begin{array}{r} 6 \overline{) 30} \\ 8 \overline{) 16} \\ 11 \overline{) 99} \\ 12 \overline{) 36} \\ 5 \overline{) 55} \\ 4 \overline{) 36} \\ 8 \overline{) 80} \\ 9 \overline{) 45} \\ 9 \overline{) 99} \\ 10 \overline{) 90} \end{array}$$

$$\begin{array}{r} 7 \overline{) 28} \\ 8 \overline{) 48} \\ 8 \overline{) 64} \\ 6 \overline{) 48} \\ 7 \overline{) 49} \\ 6 \overline{) 24} \\ 9 \overline{) 90} \\ 2 \overline{) 18} \\ 2 \overline{) 22} \\ 10 \overline{) 50} \end{array}$$

Mad Minutes - 5th Grade - Week #19
Division Facts 2's to 12's



Name: _____
Date: _____

MONDAY

$$8 \overline{) 48} \quad 8 \overline{) 64} \quad 5 \overline{) 40} \quad 7 \overline{) 35} \quad 9 \overline{) 81} \quad 7 \overline{) 21} \quad 5 \overline{) 15} \quad 10 \overline{) 30} \quad 5 \overline{) 60} \quad 5 \overline{) 10}$$

$$8 \overline{) 80} \quad 6 \overline{) 72} \quad 3 \overline{) 33} \quad 2 \overline{) 16} \quad 6 \overline{) 66} \quad 8 \overline{) 56} \quad 10 \overline{) 50} \quad 10 \overline{) 20} \quad 4 \overline{) 40} \quad 11 \overline{) 33}$$

$$9 \overline{) 72} \quad 3 \overline{) 12} \quad 12 \overline{) 96} \quad 7 \overline{) 42} \quad 8 \overline{) 88} \quad 11 \overline{) 110} \quad 3 \overline{) 36} \quad 4 \overline{) 12} \quad 5 \overline{) 45} \quad 7 \overline{) 63}$$

TUESDAY

$$7 \overline{) 28} \quad 10 \overline{) 100} \quad 12 \overline{) 60} \quad 5 \overline{) 35} \quad 7 \overline{) 49} \quad 8 \overline{) 64} \quad 11 \overline{) 33} \quad 8 \overline{) 16} \quad 3 \overline{) 6} \quad 3 \overline{) 9}$$

$$7 \overline{) 42} \quad 11 \overline{) 22} \quad 2 \overline{) 18} \quad 6 \overline{) 72} \quad 11 \overline{) 66} \quad 6 \overline{) 48} \quad 12 \overline{) 120} \quad 10 \overline{) 80} \quad 5 \overline{) 15} \quad 8 \overline{) 72}$$

$$6 \overline{) 36} \quad 4 \overline{) 28} \quad 7 \overline{) 35} \quad 9 \overline{) 63} \quad 9 \overline{) 54} \quad 12 \overline{) 132} \quad 5 \overline{) 40} \quad 3 \overline{) 30} \quad 3 \overline{) 36} \quad 3 \overline{) 21}$$

WEDNESDAY

$$3 \overline{) 30} \quad 4 \overline{) 24} \quad 9 \overline{) 18} \quad 7 \overline{) 70} \quad 12 \overline{) 72} \quad 10 \overline{) 70} \quad 9 \overline{) 36} \quad 7 \overline{) 63} \quad 9 \overline{) 90} \quad 12 \overline{) 144}$$

$$9 \overline{) 63} \quad 10 \overline{) 110} \quad 5 \overline{) 45} \quad 11 \overline{) 99} \quad 11 \overline{) 55} \quad 5 \overline{) 25} \quad 6 \overline{) 42} \quad 2 \overline{) 18} \quad 3 \overline{) 12} \quad 10 \overline{) 80}$$

$$12 \overline{) 132} \quad 7 \overline{) 49} \quad 11 \overline{) 121} \quad 5 \overline{) 20} \quad 6 \overline{) 30} \quad 2 \overline{) 6} \quad 11 \overline{) 88} \quad 12 \overline{) 60} \quad 3 \overline{) 36} \quad 3 \overline{) 21}$$

THURSDAY

$$\begin{array}{r} 4 \overline{) 16} \\ 4 \overline{) 40} \\ 8 \overline{) 56} \\ 2 \overline{) 10} \\ 2 \overline{) 20} \\ 3 \overline{) 15} \\ 10 \overline{) 70} \\ 11 \overline{) 22} \\ 6 \overline{) 54} \\ 11 \overline{) 33} \end{array}$$

$$\begin{array}{r} 9 \overline{) 54} \\ 9 \overline{) 90} \\ 3 \overline{) 33} \\ 8 \overline{) 32} \\ 12 \overline{) 120} \\ 6 \overline{) 48} \\ 8 \overline{) 72} \\ 9 \overline{) 63} \\ 8 \overline{) 88} \\ 5 \overline{) 45} \end{array}$$

$$\begin{array}{r} 3 \overline{) 9} \\ 8 \overline{) 64} \\ 7 \overline{) 56} \\ 3 \overline{) 6} \\ 6 \overline{) 24} \\ 10 \overline{) 20} \\ 5 \overline{) 60} \\ 7 \overline{) 70} \\ 3 \overline{) 27} \\ 10 \overline{) 110} \end{array}$$

FRIDAY

$$\begin{array}{r} 10 \overline{) 50} \\ 11 \overline{) 44} \\ 11 \overline{) 33} \\ 5 \overline{) 55} \\ 3 \overline{) 6} \\ 10 \overline{) 70} \\ 3 \overline{) 24} \\ 6 \overline{) 42} \\ 10 \overline{) 100} \\ 12 \overline{) 72} \end{array}$$

$$\begin{array}{r} 5 \overline{) 45} \\ 4 \overline{) 44} \\ 6 \overline{) 66} \\ 7 \overline{) 21} \\ 11 \overline{) 55} \\ 5 \overline{) 25} \\ 9 \overline{) 45} \\ 10 \overline{) 120} \\ 9 \overline{) 63} \\ 3 \overline{) 30} \end{array}$$

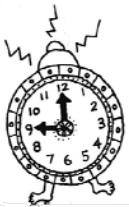
$$\begin{array}{r} 4 \overline{) 40} \\ 10 \overline{) 110} \\ 11 \overline{) 132} \\ 6 \overline{) 30} \\ 3 \overline{) 36} \\ 5 \overline{) 35} \\ 11 \overline{) 66} \\ 7 \overline{) 28} \\ 7 \overline{) 63} \\ 8 \overline{) 88} \end{array}$$

$$\begin{array}{r} 5 \overline{) 40} \\ 6 \overline{) 18} \\ 9 \overline{) 90} \\ 9 \overline{) 36} \\ 4 \overline{) 28} \\ 3 \overline{) 18} \\ 7 \overline{) 56} \\ 9 \overline{) 81} \\ 4 \overline{) 20} \\ 6 \overline{) 48} \end{array}$$

$$\begin{array}{r} 2 \overline{) 10} \\ 2 \overline{) 22} \\ 8 \overline{) 40} \\ 5 \overline{) 20} \\ 5 \overline{) 10} \\ 8 \overline{) 80} \\ 12 \overline{) 144} \\ 9 \overline{) 27} \\ 8 \overline{) 32} \\ 5 \overline{) 50} \end{array}$$

$$\begin{array}{r} 10 \overline{) 80} \\ 10 \overline{) 40} \\ 12 \overline{) 120} \\ 8 \overline{) 56} \\ 9 \overline{) 108} \\ 11 \overline{) 77} \\ 4 \overline{) 24} \\ 6 \overline{) 60} \\ 3 \overline{) 33} \\ 12 \overline{) 60} \end{array}$$

Mad Minutes - 5th Grade - Week #20
Eight Equivalent Fractions



Name: _____
Date: _____

MONDAY

$$\frac{2}{3} = \frac{10}{15}$$

$$\frac{4}{8} = \frac{2}{4}$$

$$\frac{9}{27} = \frac{28}{63}$$

$$\frac{3}{8} = \frac{21}{56}$$

$$\frac{7}{14} = \frac{28}{36}$$

$$\frac{2}{3} = \frac{14}{21}$$

$$\frac{7}{14} = \frac{20}{28}$$

$$\frac{3}{6} = \frac{18}{36}$$

TUESDAY

$$\frac{8}{16} = \frac{14}{28}$$

$$\frac{3}{7} = \frac{21}{49}$$

$$\frac{3}{7} = \frac{24}{48}$$

$$\frac{7}{14} = \frac{12}{24}$$

$$\frac{7}{14} = \frac{14}{28}$$

$$\frac{2}{2} = \frac{10}{20}$$

$$\frac{5}{7} = \frac{10}{14}$$

$$\frac{1}{2} = \frac{6}{12}$$

WEDNESDAY

$$\frac{2}{4} = \frac{10}{20}$$

$$\frac{3}{6} = \frac{12}{36}$$

$$\frac{3}{6} = \frac{12}{24}$$

$$\frac{2}{5} = \frac{14}{35}$$

$$\frac{9}{27} = \frac{56}{168}$$

$$\frac{2}{3} = \frac{6}{9}$$

$$\frac{7}{14} = \frac{12}{21}$$

$$\frac{1}{9} = \frac{7}{63}$$

THURSDAY

$$\frac{6}{12} = \frac{48}{96}$$

$$\frac{2}{6} = \frac{14}{42}$$

$$\frac{1}{3} = \frac{8}{24}$$

$$\frac{9}{27} = \frac{30}{90}$$

$$\frac{7}{14} = \frac{42}{84}$$

$$\frac{2}{4} = \frac{16}{32}$$

$$\frac{7}{14} = \frac{20}{40}$$

$$\frac{5}{10} = \frac{24}{48}$$

FRIDAY

$$\frac{1}{2} = \frac{10}{20}$$

$$\frac{1}{4} = \frac{2}{8}$$

$$\frac{3}{7} = \frac{24}{56}$$

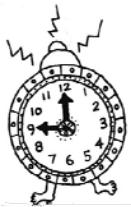
$$\frac{2}{7} = \frac{14}{49}$$

$$\frac{5}{10} = \frac{20}{40}$$

$$\frac{3}{5} = \frac{12}{20}$$

$$\frac{7}{9} = \frac{54}{63}$$

$$\frac{5}{9} = \frac{20}{36}$$

Mad Minutes - 5th Grade - Week #21**Ten Equivalent Fractions**

Name: _____

Date: _____

MONDAY

$\frac{4}{56} = \frac{28}{56}$

$\frac{3}{8} = \frac{24}{24}$

$\frac{1}{9} = \frac{81}{81}$

$\frac{2}{5} = \frac{20}{20}$

$\frac{4}{4} = \frac{20}{40}$

$\frac{3}{42} = \frac{18}{42}$

$\frac{2}{3} = \frac{12}{3}$

$\frac{2}{21} = \frac{14}{21}$

$\frac{5}{6} = \frac{50}{6}$

$\frac{2}{2} = \frac{4}{8}$

TUESDAY

$\frac{1}{8} = \frac{42}{48}$

$\frac{1}{15} = \frac{5}{15}$

$\frac{2}{4} = \frac{6}{4}$

$\frac{3}{9} = \frac{15}{9}$

$\frac{7}{7} = \frac{36}{42}$

$\frac{1}{8} = \frac{36}{72}$

$\frac{1}{14} = \frac{10}{14}$

$\frac{3}{15} = \frac{9}{15}$

$\frac{1}{32} = \frac{8}{32}$

$\frac{3}{6} = \frac{12}{6}$

WEDNESDAY

$\frac{1}{8} = \frac{35}{40}$

$\frac{2}{12} = \frac{6}{12}$

$\frac{2}{5} = \frac{18}{25}$

$\frac{2}{42} = \frac{12}{42}$

$\frac{4}{5} = \frac{45}{45}$

$\frac{5}{9} = \frac{40}{45}$

$\frac{4}{15} = \frac{12}{15}$

$\frac{2}{4} = \frac{10}{20}$

$\frac{1}{6} = \frac{6}{36}$

$\frac{3}{15} = \frac{15}{30}$

THURSDAY

$\frac{8}{9} = \frac{56}{63}$

$\frac{2}{4} = \frac{8}{8}$

$\frac{1}{3} = \frac{24}{24}$

$\frac{3}{9} = \frac{6}{18}$

$\frac{1}{5} = \frac{12}{15}$

$\frac{2}{4} = \frac{16}{32}$

$\frac{6}{8} = \frac{48}{48}$

$\frac{3}{5} = \frac{30}{50}$

$\frac{1}{5} = \frac{20}{20}$

$\frac{1}{9} = \frac{9}{18}$

FRIDAY

$\frac{8}{63} = \frac{56}{63}$

$\frac{1}{3} = \frac{6}{18}$

$\frac{1}{4} = \frac{12}{24}$

$\frac{1}{2} = \frac{3}{6}$

$\frac{2}{9} = \frac{6}{27}$

$\frac{4}{7} = \frac{45}{49}$

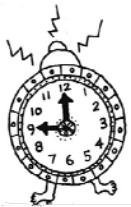
$\frac{7}{7} = \frac{45}{63}$

$\frac{4}{80} = \frac{40}{80}$

$\frac{1}{3} = \frac{9}{27}$

$\frac{3}{5} = \frac{30}{50}$

Mad Minutes - 5th Grade - Week #22
Ten Equivalent Fractions



Name: _____
Date: _____

MONDAY

$$\frac{1}{6} = \frac{3}{18}$$

$$\frac{8}{16} = \frac{25}{40}$$

$$\frac{5}{10} = \frac{35}{42}$$

$$\frac{1}{7} = \frac{3}{21}$$

$$\frac{4}{8} = \frac{32}{48}$$

$$\frac{4}{6} = \frac{8}{12}$$

$$\frac{9}{18} = \frac{35}{63}$$

$$\frac{4}{8} = \frac{12}{18}$$

$$\frac{6}{7} = \frac{18}{21}$$

$$\frac{2}{4} = \frac{18}{36}$$

TUESDAY

$$\frac{1}{7} = \frac{3}{21}$$

$$\frac{1}{4} = \frac{8}{32}$$

$$\frac{1}{4} = \frac{9}{36}$$

$$\frac{4}{5} = \frac{24}{30}$$

$$\frac{1}{3} = \frac{14}{21}$$

$$\frac{2}{9} = \frac{10}{45}$$

$$\frac{4}{9} = \frac{24}{54}$$

$$\frac{2}{3} = \frac{10}{15}$$

$$\frac{1}{5} = \frac{6}{30}$$

$$\frac{4}{8} = \frac{6}{12}$$

WEDNESDAY

$$\frac{2}{7} = \frac{6}{21}$$

$$\frac{1}{5} = \frac{6}{30}$$

$$\frac{6}{10} = \frac{30}{50}$$

$$\frac{6}{9} = \frac{36}{54}$$

$$\frac{4}{7} = \frac{36}{63}$$

$$\frac{1}{3} = \frac{7}{21}$$

$$\frac{8}{9} = \frac{72}{81}$$

$$\frac{4}{8} = \frac{24}{48}$$

$$\frac{3}{9} = \frac{6}{18}$$

$$\frac{6}{7} = \frac{48}{56}$$

THURSDAY

$$\frac{1}{2} = \frac{4}{8}$$

$$\frac{7}{8} = \frac{35}{40}$$

$$\frac{2}{5} = \frac{10}{25}$$

$$\frac{1}{7} = \frac{12}{21}$$

$$\frac{1}{5} = \frac{5}{25}$$

$$\frac{4}{5} = \frac{28}{35}$$

$$\frac{9}{9} = \frac{28}{36}$$

$$\frac{3}{4} = \frac{9}{12}$$

$$\frac{4}{8} = \frac{20}{40}$$

$$\frac{1}{8} = \frac{3}{24}$$

FRIDAY

$$\frac{5}{10} = \frac{40}{80}$$

$$\frac{1}{3} = \frac{4}{12}$$

$$\frac{1}{3} = \frac{12}{36}$$

$$\frac{1}{3} = \frac{12}{18}$$

$$\frac{5}{10} = \frac{25}{50}$$

$$\frac{1}{8} = \frac{6}{24}$$

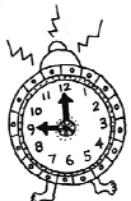
$$\frac{3}{5} = \frac{15}{25}$$

$$\frac{3}{9} = \frac{63}{189}$$

$$\frac{1}{2} = \frac{8}{16}$$

$$\frac{1}{5} = \frac{2}{10}$$

Mad Minutes - 5th Grade - Week #23
Twelve Equivalent Fractions



Name: _____
Date: _____

MONDAY

$$\frac{2}{6} = \frac{16}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{12}{\underline{\hspace{2cm}}}$$

$$\frac{5}{\underline{\hspace{2cm}}} = \frac{14}{35}$$

$$\frac{1}{2} = \frac{10}{\underline{\hspace{2cm}}}$$

$$\frac{2}{\underline{\hspace{2cm}}} = \frac{16}{24}$$

$$\frac{4}{\underline{\hspace{2cm}}} = \frac{24}{36}$$

$$\frac{1}{4} = \frac{12}{\underline{\hspace{2cm}}}$$

$$\frac{3}{\underline{\hspace{2cm}}} = \frac{30}{40}$$

$$\frac{1}{2} = \frac{3}{\underline{\hspace{2cm}}}$$

$$\frac{2}{5} = \frac{8}{\underline{\hspace{2cm}}}$$

$$\frac{1}{4} = \frac{8}{\underline{\hspace{2cm}}}$$

$$\frac{1}{4} = \frac{6}{\underline{\hspace{2cm}}}$$

TUESDAY

$$\frac{3}{6} = \frac{\underline{\hspace{2cm}}}{30}$$

$$\frac{5}{8} = \frac{45}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{4}{\underline{\hspace{2cm}}}$$

$$\frac{1}{8} = \frac{7}{\underline{\hspace{2cm}}}$$

$$\frac{1}{3} = \frac{9}{\underline{\hspace{2cm}}}$$

$$\frac{1}{5} = \frac{4}{\underline{\hspace{2cm}}}$$

$$\frac{7}{\underline{\hspace{2cm}}} = \frac{28}{36}$$

$$\frac{1}{2} = \frac{10}{\underline{\hspace{2cm}}}$$

$$\frac{4}{6} = \frac{12}{\underline{\hspace{2cm}}}$$

$$\frac{5}{7} = \frac{35}{\underline{\hspace{2cm}}}$$

$$\frac{1}{5} = \frac{3}{\underline{\hspace{2cm}}}$$

$$\frac{3}{4} = \frac{21}{\underline{\hspace{2cm}}}$$

WEDNESDAY

$$\frac{3}{\underline{\hspace{2cm}}} = \frac{24}{32}$$

$$\frac{3}{9} = \frac{30}{\underline{\hspace{2cm}}}$$

$$\frac{3}{9} = \frac{18}{\underline{\hspace{2cm}}}$$

$$\frac{1}{8} = \frac{20}{\underline{\hspace{2cm}}}$$

$$\frac{1}{\underline{\hspace{2cm}}} = \frac{8}{72}$$

$$\frac{1}{2} = \frac{9}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{\underline{\hspace{2cm}}}{16}$$

$$\frac{7}{8} = \frac{16}{\underline{\hspace{2cm}}}$$

$$\frac{4}{5} = \frac{40}{\underline{\hspace{2cm}}}$$

$$\frac{1}{8} = \frac{10}{\underline{\hspace{2cm}}}$$

$$\frac{3}{8} = \frac{24}{\underline{\hspace{2cm}}}$$

$$\frac{1}{3} = \frac{7}{\underline{\hspace{2cm}}}$$

THURSDAY

$$\frac{2}{8} = \frac{\underline{\hspace{2cm}}}{56}$$

$$\frac{5}{6} = \frac{45}{\underline{\hspace{2cm}}}$$

$$\frac{2}{4} = \frac{16}{\underline{\hspace{2cm}}}$$

$$\frac{7}{\underline{\hspace{2cm}}} = \frac{35}{40}$$

$$\frac{1}{2} = \frac{2}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{\underline{\hspace{2cm}}}{20}$$

$$\frac{1}{6} = \frac{\underline{\hspace{2cm}}}{30}$$

$$\frac{1}{2} = \frac{6}{\underline{\hspace{2cm}}}$$

$$\frac{5}{\underline{\hspace{2cm}}} = \frac{14}{35}$$

$$\frac{5}{6} = \frac{42}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{5}{\underline{\hspace{2cm}}}$$

$$\frac{1}{4} = \frac{9}{\underline{\hspace{2cm}}}$$

FRIDAY

$$\frac{3}{\underline{\hspace{2cm}}} = \frac{27}{36}$$

$$\frac{1}{2} = \frac{2}{\underline{\hspace{2cm}}}$$

$$\frac{1}{\underline{\hspace{2cm}}} = \frac{9}{36}$$

$$\frac{1}{2} = \frac{16}{\underline{\hspace{2cm}}}$$

$$\frac{1}{5} = \frac{9}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{3}{\underline{\hspace{2cm}}}$$

$$\frac{6}{\underline{\hspace{2cm}}} = \frac{12}{9}$$

$$\frac{2}{8} = \frac{16}{\underline{\hspace{2cm}}}$$

$$\frac{1}{4} = \frac{6}{\underline{\hspace{2cm}}}$$

$$\frac{1}{2} = \frac{18}{\underline{\hspace{2cm}}}$$

$$\frac{3}{\underline{\hspace{2cm}}} = \frac{30}{70}$$

$$\frac{4}{\underline{\hspace{2cm}}} = \frac{20}{40}$$

Mad Minutes - 5th Grade - Week #24
Simplifying Eight Proper Fractions



Name: _____

Date: _____

MONDAY

$\frac{10}{30} = \underline{\hspace{2cm}}$ $\frac{6}{9} = \underline{\hspace{2cm}}$ $\frac{20}{32} = \underline{\hspace{2cm}}$ $\frac{15}{24} = \underline{\hspace{2cm}}$

$\frac{20}{25} = \underline{\hspace{2cm}}$ $\frac{6}{8} = \underline{\hspace{2cm}}$ $\frac{18}{24} = \underline{\hspace{2cm}}$ $\frac{4}{8} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{15}{45} = \underline{\hspace{2cm}}$ $\frac{6}{12} = \underline{\hspace{2cm}}$ $\frac{20}{36} = \underline{\hspace{2cm}}$ $\frac{15}{24} = \underline{\hspace{2cm}}$

$\frac{10}{15} = \underline{\hspace{2cm}}$ $\frac{12}{14} = \underline{\hspace{2cm}}$ $\frac{42}{48} = \underline{\hspace{2cm}}$ $\frac{12}{16} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{5}{20} = \underline{\hspace{2cm}}$ $\frac{6}{9} = \underline{\hspace{2cm}}$ $\frac{4}{8} = \underline{\hspace{2cm}}$ $\frac{12}{21} = \underline{\hspace{2cm}}$

$\frac{5}{10} = \underline{\hspace{2cm}}$ $\frac{10}{12} = \underline{\hspace{2cm}}$ $\frac{30}{36} = \underline{\hspace{2cm}}$ $\frac{8}{12} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{5}{15} = \underline{\hspace{2cm}}$ $\frac{3}{6} = \underline{\hspace{2cm}}$ $\frac{8}{16} = \underline{\hspace{2cm}}$ $\frac{15}{24} = \underline{\hspace{2cm}}$

$\frac{20}{25} = \underline{\hspace{2cm}}$ $\frac{12}{14} = \underline{\hspace{2cm}}$ $\frac{12}{18} = \underline{\hspace{2cm}}$ $\frac{8}{12} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{5}{10} = \underline{\hspace{2cm}}$ $\frac{9}{18} = \underline{\hspace{2cm}}$ $\frac{20}{36} = \underline{\hspace{2cm}}$ $\frac{15}{24} = \underline{\hspace{2cm}}$

$\frac{10}{15} = \underline{\hspace{2cm}}$ $\frac{14}{16} = \underline{\hspace{2cm}}$ $\frac{24}{30} = \underline{\hspace{2cm}}$ $\frac{8}{12} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #25**Simplifying Eight Proper Fractions**

Name: _____

Date: _____

MONDAY

$\frac{42}{54} = \underline{\hspace{2cm}}$
 $\frac{4}{14} = \underline{\hspace{2cm}}$
 $\frac{6}{12} = \underline{\hspace{2cm}}$
 $\frac{16}{18} = \underline{\hspace{2cm}}$

$\frac{25}{30} = \underline{\hspace{2cm}}$
 $\frac{4}{18} = \underline{\hspace{2cm}}$
 $\frac{36}{48} = \underline{\hspace{2cm}}$
 $\frac{6}{9} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{4}{8} = \underline{\hspace{2cm}}$
 $\frac{16}{24} = \underline{\hspace{2cm}}$
 $\frac{20}{25} = \underline{\hspace{2cm}}$
 $\frac{8}{16} = \underline{\hspace{2cm}}$

$\frac{6}{30} = \underline{\hspace{2cm}}$
 $\frac{9}{12} = \underline{\hspace{2cm}}$
 $\frac{20}{32} = \underline{\hspace{2cm}}$
 $\frac{21}{24} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{18}{24} = \underline{\hspace{2cm}}$
 $\frac{8}{16} = \underline{\hspace{2cm}}$
 $\frac{16}{28} = \underline{\hspace{2cm}}$
 $\frac{3}{15} = \underline{\hspace{2cm}}$

$\frac{25}{35} = \underline{\hspace{2cm}}$
 $\frac{8}{10} = \underline{\hspace{2cm}}$
 $\frac{6}{12} = \underline{\hspace{2cm}}$
 $\frac{2}{6} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{16}{28} = \underline{\hspace{2cm}}$
 $\frac{2}{6} = \underline{\hspace{2cm}}$
 $\frac{12}{24} = \underline{\hspace{2cm}}$
 $\frac{2}{10} = \underline{\hspace{2cm}}$

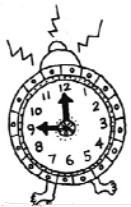
$\frac{12}{48} = \underline{\hspace{2cm}}$
 $\frac{12}{16} = \underline{\hspace{2cm}}$
 $\frac{4}{14} = \underline{\hspace{2cm}}$
 $\frac{10}{30} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{6}{12} = \underline{\hspace{2cm}}$
 $\frac{30}{54} = \underline{\hspace{2cm}}$
 $\frac{12}{32} = \underline{\hspace{2cm}}$
 $\frac{8}{12} = \underline{\hspace{2cm}}$

$\frac{14}{18} = \underline{\hspace{2cm}}$
 $\frac{6}{24} = \underline{\hspace{2cm}}$
 $\frac{5}{30} = \underline{\hspace{2cm}}$
 $\frac{2}{4} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #26
Simplifying Ten Proper Fractions



Name: _____
Date: _____

MONDAY

$\frac{6}{10} = \underline{\hspace{2cm}}$ $\frac{6}{12} = \underline{\hspace{2cm}}$ $\frac{4}{8} = \underline{\hspace{2cm}}$ $\frac{8}{24} = \underline{\hspace{2cm}}$ $\frac{4}{36} = \underline{\hspace{2cm}}$

$\frac{6}{30} = \underline{\hspace{2cm}}$ $\frac{12}{16} = \underline{\hspace{2cm}}$ $\frac{12}{18} = \underline{\hspace{2cm}}$ $\frac{12}{24} = \underline{\hspace{2cm}}$ $\frac{16}{18} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{12}{36} = \underline{\hspace{2cm}}$ $\frac{2}{14} = \underline{\hspace{2cm}}$ $\frac{18}{24} = \underline{\hspace{2cm}}$ $\frac{24}{54} = \underline{\hspace{2cm}}$ $\frac{4}{18} = \underline{\hspace{2cm}}$

$\frac{15}{25} = \underline{\hspace{2cm}}$ $\frac{2}{12} = \underline{\hspace{2cm}}$ $\frac{5}{40} = \underline{\hspace{2cm}}$ $\frac{30}{42} = \underline{\hspace{2cm}}$ $\frac{5}{10} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{8}{12} = \underline{\hspace{2cm}}$ $\frac{20}{35} = \underline{\hspace{2cm}}$ $\frac{21}{24} = \underline{\hspace{2cm}}$ $\frac{18}{48} = \underline{\hspace{2cm}}$ $\frac{36}{54} = \underline{\hspace{2cm}}$

$\frac{16}{36} = \underline{\hspace{2cm}}$ $\frac{2}{18} = \underline{\hspace{2cm}}$ $\frac{2}{4} = \underline{\hspace{2cm}}$ $\frac{6}{18} = \underline{\hspace{2cm}}$ $\frac{6}{54} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{12}{54} = \underline{\hspace{2cm}}$ $\frac{4}{12} = \underline{\hspace{2cm}}$ $\frac{10}{15} = \underline{\hspace{2cm}}$ $\frac{5}{35} = \underline{\hspace{2cm}}$ $\frac{8}{28} = \underline{\hspace{2cm}}$

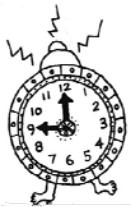
$\frac{2}{6} = \underline{\hspace{2cm}}$ $\frac{15}{20} = \underline{\hspace{2cm}}$ $\frac{24}{30} = \underline{\hspace{2cm}}$ $\frac{2}{4} = \underline{\hspace{2cm}}$ $\frac{3}{27} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{10}{35} = \underline{\hspace{2cm}}$ $\frac{16}{28} = \underline{\hspace{2cm}}$ $\frac{5}{15} = \underline{\hspace{2cm}}$ $\frac{10}{16} = \underline{\hspace{2cm}}$ $\frac{2}{8} = \underline{\hspace{2cm}}$

$\frac{32}{36} = \underline{\hspace{2cm}}$ $\frac{6}{18} = \underline{\hspace{2cm}}$ $\frac{4}{12} = \underline{\hspace{2cm}}$ $\frac{5}{10} = \underline{\hspace{2cm}}$ $\frac{6}{15} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #27
Simplifying Ten Proper Fractions



Name: _____

Date: _____

MONDAY

$\frac{2}{8} = \underline{\hspace{2cm}}$ $\frac{15}{25} = \underline{\hspace{2cm}}$ $\frac{12}{36} = \underline{\hspace{2cm}}$ $\frac{21}{24} = \underline{\hspace{2cm}}$ $\frac{10}{25} = \underline{\hspace{2cm}}$

$\frac{3}{21} = \underline{\hspace{2cm}}$ $\frac{4}{8} = \underline{\hspace{2cm}}$ $\frac{12}{16} = \underline{\hspace{2cm}}$ $\frac{2}{12} = \underline{\hspace{2cm}}$ $\frac{6}{36} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{6}{30} = \underline{\hspace{2cm}}$ $\frac{12}{27} = \underline{\hspace{2cm}}$ $\frac{8}{12} = \underline{\hspace{2cm}}$ $\frac{3}{27} = \underline{\hspace{2cm}}$ $\frac{10}{15} = \underline{\hspace{2cm}}$

$\frac{42}{54} = \underline{\hspace{2cm}}$ $\frac{3}{12} = \underline{\hspace{2cm}}$ $\frac{30}{48} = \underline{\hspace{2cm}}$ $\frac{9}{12} = \underline{\hspace{2cm}}$ $\frac{18}{36} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{15}{21} = \underline{\hspace{2cm}}$ $\frac{3}{9} = \underline{\hspace{2cm}}$ $\frac{9}{15} = \underline{\hspace{2cm}}$ $\frac{5}{15} = \underline{\hspace{2cm}}$ $\frac{3}{6} = \underline{\hspace{2cm}}$

$\frac{2}{4} = \underline{\hspace{2cm}}$ $\frac{4}{24} = \underline{\hspace{2cm}}$ $\frac{10}{15} = \underline{\hspace{2cm}}$ $\frac{8}{12} = \underline{\hspace{2cm}}$ $\frac{24}{27} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{18}{24} = \underline{\hspace{2cm}}$ $\frac{3}{18} = \underline{\hspace{2cm}}$ $\frac{24}{30} = \underline{\hspace{2cm}}$ $\frac{8}{32} = \underline{\hspace{2cm}}$ $\frac{15}{18} = \underline{\hspace{2cm}}$

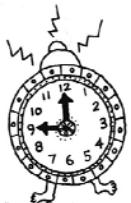
$\frac{6}{12} = \underline{\hspace{2cm}}$ $\frac{12}{18} = \underline{\hspace{2cm}}$ $\frac{12}{24} = \underline{\hspace{2cm}}$ $\frac{3}{6} = \underline{\hspace{2cm}}$ $\frac{42}{48} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{8}{20} = \underline{\hspace{2cm}}$ $\frac{4}{20} = \underline{\hspace{2cm}}$ $\frac{4}{16} = \underline{\hspace{2cm}}$ $\frac{6}{24} = \underline{\hspace{2cm}}$ $\frac{8}{10} = \underline{\hspace{2cm}}$

$\frac{12}{30} = \underline{\hspace{2cm}}$ $\frac{20}{24} = \underline{\hspace{2cm}}$ $\frac{10}{20} = \underline{\hspace{2cm}}$ $\frac{15}{20} = \underline{\hspace{2cm}}$ $\frac{6}{9} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #28
Simplifying Ten Proper Fractions



Name: _____

Date: _____

MONDAY

$\frac{6}{12} = \underline{\hspace{2cm}}$ $\frac{8}{14} = \underline{\hspace{2cm}}$ $\frac{16}{20} = \underline{\hspace{2cm}}$ $\frac{5}{25} = \underline{\hspace{2cm}}$ $\frac{30}{40} = \underline{\hspace{2cm}}$

$\frac{3}{9} = \underline{\hspace{2cm}}$ $\frac{30}{42} = \underline{\hspace{2cm}}$ $\frac{35}{45} = \underline{\hspace{2cm}}$ $\frac{16}{18} = \underline{\hspace{2cm}}$ $\frac{4}{16} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{12}{24} = \underline{\hspace{2cm}}$ $\frac{6}{12} = \underline{\hspace{2cm}}$ $\frac{6}{24} = \underline{\hspace{2cm}}$ $\frac{6}{15} = \underline{\hspace{2cm}}$ $\frac{4}{8} = \underline{\hspace{2cm}}$

$\frac{4}{12} = \underline{\hspace{2cm}}$ $\frac{10}{12} = \underline{\hspace{2cm}}$ $\frac{15}{40} = \underline{\hspace{2cm}}$ $\frac{3}{24} = \underline{\hspace{2cm}}$ $\frac{25}{40} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{18}{42} = \underline{\hspace{2cm}}$ $\frac{6}{18} = \underline{\hspace{2cm}}$ $\frac{14}{16} = \underline{\hspace{2cm}}$ $\frac{4}{32} = \underline{\hspace{2cm}}$ $\frac{3}{9} = \underline{\hspace{2cm}}$

$\frac{3}{6} = \underline{\hspace{2cm}}$ $\frac{15}{18} = \underline{\hspace{2cm}}$ $\frac{30}{54} = \underline{\hspace{2cm}}$ $\frac{9}{15} = \underline{\hspace{2cm}}$ $\frac{4}{6} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{5}{10} = \underline{\hspace{2cm}}$ $\frac{10}{25} = \underline{\hspace{2cm}}$ $\frac{30}{54} = \underline{\hspace{2cm}}$ $\frac{10}{18} = \underline{\hspace{2cm}}$ $\frac{9}{21} = \underline{\hspace{2cm}}$

$\frac{5}{20} = \underline{\hspace{2cm}}$ $\frac{10}{35} = \underline{\hspace{2cm}}$ $\frac{12}{16} = \underline{\hspace{2cm}}$ $\frac{4}{6} = \underline{\hspace{2cm}}$ $\frac{25}{40} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{2}{12} = \underline{\hspace{2cm}}$ $\frac{12}{18} = \underline{\hspace{2cm}}$ $\frac{5}{35} = \underline{\hspace{2cm}}$ $\frac{2}{14} = \underline{\hspace{2cm}}$ $\frac{10}{25} = \underline{\hspace{2cm}}$

$\frac{15}{35} = \underline{\hspace{2cm}}$ $\frac{5}{10} = \underline{\hspace{2cm}}$ $\frac{8}{24} = \underline{\hspace{2cm}}$ $\frac{4}{10} = \underline{\hspace{2cm}}$ $\frac{12}{16} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #29
Simplifying Eight Improper Fractions



Name: _____

Date: _____

MONDAY

$\frac{8}{6} = \underline{\hspace{2cm}}$ $\frac{4}{3} = \underline{\hspace{2cm}}$ $\frac{13}{5} = \underline{\hspace{2cm}}$ $\frac{15}{6} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$ $\frac{25}{9} = \underline{\hspace{2cm}}$ $\frac{20}{8} = \underline{\hspace{2cm}}$ $\frac{6}{4} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{3}{2} = \underline{\hspace{2cm}}$ $\frac{11}{4} = \underline{\hspace{2cm}}$ $\frac{20}{9} = \underline{\hspace{2cm}}$ $\frac{19}{8} = \underline{\hspace{2cm}}$

$\frac{19}{7} = \underline{\hspace{2cm}}$ $\frac{22}{8} = \underline{\hspace{2cm}}$ $\frac{16}{6} = \underline{\hspace{2cm}}$ $\frac{15}{9} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{21}{8} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$ $\frac{13}{6} = \underline{\hspace{2cm}}$ $\frac{15}{7} = \underline{\hspace{2cm}}$

$\frac{10}{8} = \underline{\hspace{2cm}}$ $\frac{19}{9} = \underline{\hspace{2cm}}$ $\frac{9}{7} = \underline{\hspace{2cm}}$ $\frac{11}{9} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{6}{4} = \underline{\hspace{2cm}}$ $\frac{7}{6} = \underline{\hspace{2cm}}$ $\frac{7}{5} = \underline{\hspace{2cm}}$ $\frac{18}{8} = \underline{\hspace{2cm}}$

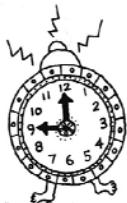
$\frac{19}{8} = \underline{\hspace{2cm}}$ $\frac{15}{7} = \underline{\hspace{2cm}}$ $\frac{14}{5} = \underline{\hspace{2cm}}$ $\frac{10}{9} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{14}{9} = \underline{\hspace{2cm}}$ $\frac{11}{5} = \underline{\hspace{2cm}}$ $\frac{8}{5} = \underline{\hspace{2cm}}$ $\frac{4}{3} = \underline{\hspace{2cm}}$

$\frac{8}{6} = \underline{\hspace{2cm}}$ $\frac{8}{3} = \underline{\hspace{2cm}}$ $\frac{11}{8} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #30
Simplifying Eight Improper Fractions



Name: _____

Date: _____

MONDAY

$\frac{25}{9} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{10}{4} = \underline{\hspace{2cm}}$

$\frac{9}{4} = \underline{\hspace{2cm}}$

$\frac{21}{8} = \underline{\hspace{2cm}}$

$\frac{9}{5} = \underline{\hspace{2cm}}$

$\frac{13}{7} = \underline{\hspace{2cm}}$

$\frac{11}{6} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{16}{6} = \underline{\hspace{2cm}}$

$\frac{8}{3} = \underline{\hspace{2cm}}$

$\frac{5}{4} = \underline{\hspace{2cm}}$

$\frac{11}{5} = \underline{\hspace{2cm}}$

$\frac{3}{2} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{7}{6} = \underline{\hspace{2cm}}$

$\frac{4}{3} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{17}{8} = \underline{\hspace{2cm}}$

$\frac{5}{4} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{5}{3} = \underline{\hspace{2cm}}$

$\frac{11}{6} = \underline{\hspace{2cm}}$

$\frac{7}{5} = \underline{\hspace{2cm}}$

$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{17}{7} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{4}{3} = \underline{\hspace{2cm}}$

$\frac{18}{8} = \underline{\hspace{2cm}}$

$\frac{20}{8} = \underline{\hspace{2cm}}$

$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{7}{6} = \underline{\hspace{2cm}}$

$\frac{7}{3} = \underline{\hspace{2cm}}$

$\frac{11}{5} = \underline{\hspace{2cm}}$

$\frac{3}{2} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{25}{9} = \underline{\hspace{2cm}}$

$\frac{13}{8} = \underline{\hspace{2cm}}$

$\frac{11}{7} = \underline{\hspace{2cm}}$

$\frac{23}{9} = \underline{\hspace{2cm}}$

$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{7}{3} = \underline{\hspace{2cm}}$

$\frac{15}{9} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #31
Simplifying Eight Improper Fractions



Name: _____
Date: _____

MONDAY

$\frac{25}{9} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{10}{4} = \underline{\hspace{2cm}}$

$\frac{9}{4} = \underline{\hspace{2cm}}$

$\frac{21}{8} = \underline{\hspace{2cm}}$

$\frac{9}{5} = \underline{\hspace{2cm}}$

$\frac{13}{7} = \underline{\hspace{2cm}}$

$\frac{11}{6} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{16}{6} = \underline{\hspace{2cm}}$

$\frac{8}{3} = \underline{\hspace{2cm}}$

$\frac{5}{4} = \underline{\hspace{2cm}}$

$\frac{11}{5} = \underline{\hspace{2cm}}$

$\frac{3}{2} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{7}{6} = \underline{\hspace{2cm}}$

$\frac{4}{3} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{17}{8} = \underline{\hspace{2cm}}$

$\frac{5}{4} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

$\frac{5}{3} = \underline{\hspace{2cm}}$

$\frac{11}{6} = \underline{\hspace{2cm}}$

$\frac{7}{5} = \underline{\hspace{2cm}}$

$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{17}{7} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{4}{3} = \underline{\hspace{2cm}}$

$\frac{18}{8} = \underline{\hspace{2cm}}$

$\frac{20}{8} = \underline{\hspace{2cm}}$

$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{7}{6} = \underline{\hspace{2cm}}$

$\frac{7}{3} = \underline{\hspace{2cm}}$

$\frac{11}{5} = \underline{\hspace{2cm}}$

$\frac{3}{2} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{25}{9} = \underline{\hspace{2cm}}$

$\frac{13}{8} = \underline{\hspace{2cm}}$

$\frac{11}{7} = \underline{\hspace{2cm}}$

$\frac{23}{9} = \underline{\hspace{2cm}}$

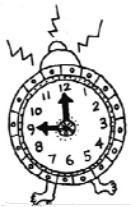
$\frac{5}{2} = \underline{\hspace{2cm}}$

$\frac{7}{3} = \underline{\hspace{2cm}}$

$\frac{15}{9} = \underline{\hspace{2cm}}$

$\frac{9}{6} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #32
Simplifying Ten Improper Fractions



Name: _____
Date: _____

MONDAY

$\frac{16}{9} = \underline{\hspace{2cm}}$ $\frac{10}{4} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$ $\frac{4}{3} = \underline{\hspace{2cm}}$ $\frac{10}{6} = \underline{\hspace{2cm}}$

$\frac{11}{5} = \underline{\hspace{2cm}}$ $\frac{5}{4} = \underline{\hspace{2cm}}$ $\frac{6}{4} = \underline{\hspace{2cm}}$ $\frac{7}{3} = \underline{\hspace{2cm}}$ $\frac{8}{5} = \underline{\hspace{2cm}}$

TUESDAY

$\frac{19}{7} = \underline{\hspace{2cm}}$ $\frac{7}{5} = \underline{\hspace{2cm}}$ $\frac{3}{2} = \underline{\hspace{2cm}}$ $\frac{15}{6} = \underline{\hspace{2cm}}$ $\frac{8}{5} = \underline{\hspace{2cm}}$

$\frac{9}{5} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$ $\frac{5}{4} = \underline{\hspace{2cm}}$ $\frac{17}{6} = \underline{\hspace{2cm}}$ $\frac{24}{9} = \underline{\hspace{2cm}}$

WEDNESDAY

$\frac{5}{4} = \underline{\hspace{2cm}}$ $\frac{11}{4} = \underline{\hspace{2cm}}$ $\frac{9}{5} = \underline{\hspace{2cm}}$ $\frac{3}{2} = \underline{\hspace{2cm}}$ $\frac{11}{9} = \underline{\hspace{2cm}}$

$\frac{12}{7} = \underline{\hspace{2cm}}$ $\frac{5}{3} = \underline{\hspace{2cm}}$ $\frac{10}{7} = \underline{\hspace{2cm}}$ $\frac{21}{8} = \underline{\hspace{2cm}}$ $\frac{16}{9} = \underline{\hspace{2cm}}$

THURSDAY

$\frac{4}{4} = \underline{\hspace{2cm}}$ $\frac{16}{7} = \underline{\hspace{2cm}}$ $\frac{7}{7} = \underline{\hspace{2cm}}$ $\frac{7}{5} = \underline{\hspace{2cm}}$ $\frac{5}{5} = \underline{\hspace{2cm}}$

$\frac{6}{5} = \underline{\hspace{2cm}}$ $\frac{6}{3} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$ $\frac{14}{7} = \underline{\hspace{2cm}}$ $\frac{12}{6} = \underline{\hspace{2cm}}$

FRIDAY

$\frac{7}{3} = \underline{\hspace{2cm}}$ $\frac{10}{6} = \underline{\hspace{2cm}}$ $\frac{5}{2} = \underline{\hspace{2cm}}$ $\frac{21}{8} = \underline{\hspace{2cm}}$ $\frac{15}{7} = \underline{\hspace{2cm}}$

$\frac{24}{9} = \underline{\hspace{2cm}}$ $\frac{7}{4} = \underline{\hspace{2cm}}$ $\frac{16}{6} = \underline{\hspace{2cm}}$ $\frac{23}{9} = \underline{\hspace{2cm}}$ $\frac{8}{7} = \underline{\hspace{2cm}}$

Mad Minutes - 5th Grade - Week #34
Division Facts 2's to 12's



Name: _____
Date: _____

MONDAY

$10 \overline{) 40} \quad 9 \overline{) 81} \quad 8 \overline{) 72} \quad 12 \overline{) 36} \quad 8 \overline{) 80} \quad 8 \overline{) 96} \quad 4 \overline{) 28} \quad 7 \overline{) 28} \quad 3 \overline{) 18} \quad 5 \overline{) 15}$

$4 \overline{) 20} \quad 4 \overline{) 32} \quad 11 \overline{) 55} \quad 9 \overline{) 27} \quad 9 \overline{) 108} \quad 9 \overline{) 54} \quad 10 \overline{) 20} \quad 7 \overline{) 49} \quad 2 \overline{) 24} \quad 9 \overline{) 72}$

$6 \overline{) 18} \quad 10 \overline{) 80} \quad 9 \overline{) 63} \quad 6 \overline{) 36} \quad 10 \overline{) 70} \quad 11 \overline{) 88} \quad 12 \overline{) 48} \quad 2 \overline{) 8} \quad 10 \overline{) 50} \quad 3 \overline{) 33}$

TUESDAY

$5 \overline{) 45} \quad 3 \overline{) 12} \quad 3 \overline{) 9} \quad 12 \overline{) 24} \quad 4 \overline{) 12} \quad 9 \overline{) 81} \quad 9 \overline{) 27} \quad 7 \overline{) 49} \quad 11 \overline{) 66} \quad 11 \overline{) 44}$

$5 \overline{) 25} \quad 6 \overline{) 54} \quad 4 \overline{) 44} \quad 7 \overline{) 77} \quad 4 \overline{) 20} \quad 6 \overline{) 30} \quad 7 \overline{) 70} \quad 5 \overline{) 50} \quad 3 \overline{) 21} \quad 5 \overline{) 30}$

$6 \overline{) 66} \quad 8 \overline{) 24} \quad 10 \overline{) 70} \quad 11 \overline{) 22} \quad 7 \overline{) 42} \quad 5 \overline{) 20} \quad 12 \overline{) 72} \quad 2 \overline{) 16} \quad 9 \overline{) 63} \quad 2 \overline{) 10}$

WEDNESDAY

$3 \overline{) 12} \quad 4 \overline{) 28} \quad 10 \overline{) 120} \quad 8 \overline{) 88} \quad 11 \overline{) 88} \quad 11 \overline{) 99} \quad 7 \overline{) 49} \quad 9 \overline{) 99} \quad 5 \overline{) 30} \quad 5 \overline{) 55}$

$11 \overline{) 77} \quad 12 \overline{) 60} \quad 5 \overline{) 45} \quad 5 \overline{) 50} \quad 3 \overline{) 15} \quad 4 \overline{) 32} \quad 10 \overline{) 20} \quad 7 \overline{) 63} \quad 10 \overline{) 70} \quad 8 \overline{) 24}$

$5 \overline{) 25} \quad 4 \overline{) 12} \quad 6 \overline{) 54} \quad 4 \overline{) 48} \quad 6 \overline{) 48} \quad 7 \overline{) 21} \quad 7 \overline{) 70} \quad 8 \overline{) 32} \quad 8 \overline{) 96} \quad 4 \overline{) 36}$

THURSDAY

$$\begin{array}{l} 3\overline{)33} \quad 12\overline{)60} \quad 12\overline{)96} \quad 11\overline{)33} \quad 5\overline{)20} \quad 7\overline{)70} \quad 12\overline{)132} \quad 11\overline{)55} \quad 5\overline{)25} \quad 3\overline{)9} \\ \\ 3\overline{)12} \quad 7\overline{)49} \quad 4\overline{)28} \quad 3\overline{)24} \quad 11\overline{)77} \quad 7\overline{)35} \quad 3\overline{)18} \quad 2\overline{)14} \quad 9\overline{)99} \quad 2\overline{)18} \\ \\ 4\overline{)24} \quad 7\overline{)56} \quad 10\overline{)90} \quad 10\overline{)50} \quad 10\overline{)40} \quad 8\overline{)88} \quad 5\overline{)35} \quad 4\overline{)40} \quad 9\overline{)36} \quad 10\overline{)70} \end{array}$$

FRIDAY

$$\begin{array}{l} 11\overline{)66} \quad 8\overline{)48} \quad 5\overline{)35} \quad 11\overline{)110} \quad 10\overline{)40} \quad 12\overline{)96} \quad 10\overline{)60} \quad 5\overline{)40} \quad 9\overline{)36} \quad 7\overline{)77} \\ \\ 11\overline{)33} \quad 4\overline{)16} \quad 10\overline{)80} \quad 4\overline{)44} \quad 4\overline{)28} \quad 8\overline{)40} \quad 9\overline{)99} \quad 2\overline{)10} \quad 5\overline{)50} \quad 3\overline{)9} \\ \\ 7\overline{)56} \quad 9\overline{)27} \quad 2\overline{)16} \quad 3\overline{)21} \quad 9\overline{)90} \quad 4\overline{)20} \quad 8\overline{)72} \quad 5\overline{)10} \quad 9\overline{)63} \quad 8\overline{)24} \\ \\ 12\overline{)36} \quad 6\overline{)18} \quad 8\overline{)88} \quad 10\overline{)50} \quad 2\overline{)8} \quad 4\overline{)40} \quad 8\overline{)80} \quad 6\overline{)48} \quad 10\overline{)110} \quad 4\overline{)48} \\ \\ 11\overline{)77} \quad 3\overline{)30} \quad 12\overline{)120} \quad 4\overline{)24} \quad 11\overline{)44} \quad 9\overline{)45} \quad 10\overline{)70} \quad 9\overline{)108} \quad 7\overline{)70} \quad 3\overline{)24} \\ \\ 6\overline{)42} \quad 6\overline{)66} \quad 9\overline{)81} \quad 3\overline{)36} \quad 3\overline{)15} \quad 10\overline{)30} \quad 7\overline{)21} \quad 6\overline{)36} \quad 9\overline{)18} \quad 7\overline{)42} \end{array}$$

Mad Minutes - 5th Grade - Week #36

Multiplication Facts 2's to 12's



Name:

Date: _____

MONDAY

$$\begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} 9 \\ \underline{\times} 11 \end{array} \quad \begin{array}{r} 2 \\ \underline{\times} 1 \end{array} \quad \begin{array}{r} 7 \\ \underline{\times} 3 \end{array} \quad \begin{array}{r} 9 \\ \underline{\times} 7 \end{array} \quad \begin{array}{r} 4 \\ \underline{\times} 12 \end{array} \quad \begin{array}{r} 8 \\ \underline{\times} 4 \end{array} \quad \begin{array}{r} 12 \\ \underline{\times} 12 \end{array} \quad \begin{array}{r} 6 \\ \underline{\times} 11 \end{array} \quad \begin{array}{r} 1 \\ \underline{\times} 6 \end{array}$$

$$\begin{array}{r} \times 11 \\ \hline 7 & 5 & 10 & 8 & 5 & 10 & 5 & 1 & 12 & 5 \\ \times 5 & \times 12 & \times 11 & \times 11 & \times 3 & \times 8 & \times 1 & \times 11 & \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\times} \\ 6 \end{array} \quad \begin{array}{r} 2 \\ \underline{\times} 12 \end{array} \quad \begin{array}{r} 4 \\ \underline{\times} 9 \end{array} \quad \begin{array}{r} 10 \\ \underline{\times} 6 \end{array} \quad \begin{array}{r} 11 \\ \underline{\times} 7 \end{array} \quad \begin{array}{r} 12 \\ \underline{\times} 4 \end{array} \quad \begin{array}{r} 2 \\ \underline{\times} 2 \end{array} \quad \begin{array}{r} 8 \\ \underline{\times} 12 \end{array} \quad \begin{array}{r} 9 \\ \underline{\times} 12 \end{array} \quad \begin{array}{r} 7 \\ \underline{\times} 5 \end{array}$$

TUESDAY

$$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array} \quad \begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array} \quad \begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array} \quad \begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array} \quad \begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array} \quad \begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 6 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} \underline{\times} \\ 4 \end{array} \quad \begin{array}{r} \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} \underline{\times} \\ 7 \end{array} \quad \begin{array}{r} \underline{\times} \\ 2 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} \underline{\times} \\ 10 \end{array} \quad \begin{array}{r} \underline{\times} \\ 8 \end{array}$$

WEDNESDAY

$$\begin{array}{r} \underline{\times} \\ 3 \end{array} \quad \begin{array}{r} 8 \\ \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} 2 \\ \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} 4 \\ \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} 10 \\ \underline{\times} \\ 11 \end{array} \quad \begin{array}{r} 6 \\ \underline{\times} \\ 8 \end{array} \quad \begin{array}{r} 9 \\ \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} 6 \\ \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} 1 \\ \underline{\times} \\ 12 \end{array} \quad \begin{array}{r} 7 \\ \underline{\times} \\ 10 \end{array}$$

$$\begin{array}{r} \times 10 \\ \times 6 \\ \times 7 \\ \times 11 \\ \times 11 \\ \times 8 \\ \times 7 \\ \times 6 \\ \times 11 \\ \times 10 \end{array}$$

$$\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array} \quad \begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array} \quad \begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array} \quad \begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array} \quad \begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array} \quad \begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array} \quad \begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array} \quad \begin{array}{r} 1 \\ \times 11 \\ \hline 11 \end{array}$$

