

Math 7

Name_____

Period_____

Date_____

Review: Fractions

Perform the indicated operation. Write each answer in simplest form. You **MUST SHOW ALL WORK** for full credit! [4 pts. each]

1. $\frac{7}{10}$

+ $\frac{2}{5}$

2. $\frac{1}{6} \div \frac{8}{11} =$ _____

3. $1\frac{1}{3} \cdot \frac{1}{5} =$ _____

4. $3\frac{1}{2} \div 2\frac{3}{4} =$ _____

5. $2\frac{1}{9}$

- $1\frac{3}{4}$

6. $8\frac{1}{2} \div 4 =$ _____

7. $1\frac{3}{8} \cdot 3\frac{1}{3} =$ _____

8. $2 \div \frac{3}{4} =$ _____

Solve:

9. Zain can harvest $4\frac{1}{4}$ acres of pumpkins in 1 day. How many acres of pumpkins can he harvest in $7\frac{1}{2}$ days? _____

10. A Social Studies textbook is $\frac{4}{5}$ of an inch thick. How many of these books will fit on a shelf that is 48 inches wide?

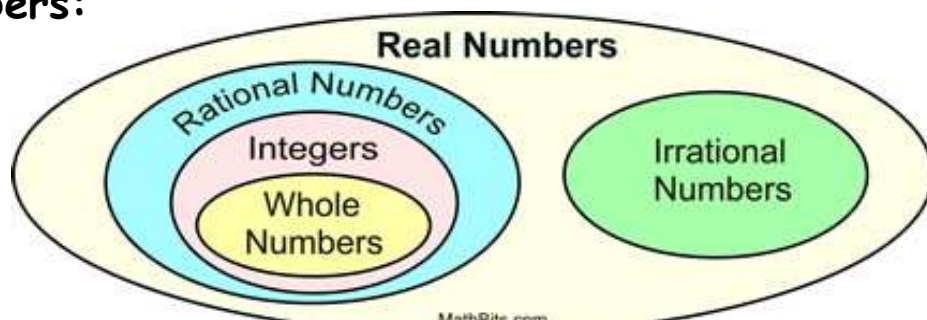
11. Greg and James own neighboring pumpkin patches. Greg harvested $5\frac{1}{2}$ acres of pumpkins on Sunday and James $2\frac{3}{4}$ acres. How many more acres did Greg harvest than James?

12. Yesterday, Colin went through 8 bottles of Gatorade on Monday. If he drinks $\frac{1}{4}$ as much Gatorade on Tuesday, how

many bottles of Gatorade did he drink on Tuesday?

13. Nick earns \$8.50 per hour working as a cashier. On Friday he spent $1\frac{1}{4}$ hours stocking shelves, $3\frac{1}{2}$ hours working the register, and $2\frac{7}{12}$ hours cleaning the store. What were Nick's earnings?

Match the following number systems with the correct set of numbers:



Give 3 examples of the following:

Whole numbers _____

Rational _____

Natural _____

Integers _____

Irrational _____