

# Wilson Avenue School

## Math Packet

### Summer 2019

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Name \_\_\_\_\_

Dear Parents: This summer your child will be working on a spring packet that is aligned with the common core standards to enhance and reinforce strategies. Please encourage your children to try their best utilizing what they have learned in class. Packets are due back on September 3, 2019. This packet will count as your child's first Math Grade.

**Return completed packet to 7<sup>th</sup> Grade teacher on  
September 3, 2019**

I have checked the work completed. \_\_\_\_\_

(Parent Signature)

**Place Value and Rounding**

Give the place value of the underlined digit. Then round the number to that place.

1. 543.26

2. 2.341

3. 482,651.345

4. 1.2222

5. 24,500.05

6. 345,251.2617

**Comparing and Ordering Decimals**

Copy and complete the statement using  $<$ ,  $>$ , or  $=$ .

7.  $0.4$        $0.42$

8.  $0.23$        $0.230$

9.  $37.2$        $37.19$

10.  $1.05$        $1.50$

**Adding and Subtracting Decimals**

Find the sum or difference.

11.  $5.1 + 2.7$

12.  $2.14 + 3.75$

13.  $4.21 - 2.1$

14.  $1.25 - 1.12$

15.  $3.4578 + 6.589$

16.  $9.24 - 2.351$

**Multiplying and Dividing Decimals**

Find the product or quotient.

17.  $2.3 \times 6.1$

18.  $4.1 \times 0.52$

19.  $1.4 \div 2$

20.  $2.55 \div 0.5$

21.  $3.09 \times 5.26$

22.  $36.75 \div 2.45$

**Mixed Numbers and Improper Fractions**

Write the mixed number as an improper fraction.

23.  $1\frac{7}{9}$

24.  $2\frac{3}{4}$

25.  $12\frac{2}{5}$

26.  $6\frac{2}{3}$

Write the improper fraction as a mixed number.

27.  $\frac{13}{6}$

28.  $\frac{40}{6}$

29.  $\frac{100}{3}$

30.  $\frac{44}{5}$

**Adding and Subtracting Fractions**

Find the sum or difference.

31.  $\frac{2}{5} + \frac{1}{5}$

32.  $\frac{3}{8} + \frac{7}{8}$

33.  $\frac{11}{12} - \frac{10}{12}$

34.  $\frac{6}{7} - \frac{2}{7}$

35.  $\frac{2}{3} + \frac{1}{2}$

36.  $\frac{5}{8} - \frac{1}{4}$

**Multiplying Fractions and Whole Numbers**

Find the product.

37.  $5 \times \frac{2}{7}$

38.  $\frac{3}{8} \times 16$

**Geometry**

39. Find the perimeter of a square with sides 5 inches long
40. Find the perimeter of a triangle with sides 2 cm, 7 cm, and 9 cm.
41. Find the perimeter of a rectangle with sides 3 cm and 4 cm.
42. Find the area of a square with sides 7 feet long.

**Percents**

Express each decimal as a percent.

43. 0.42

44. 0.375

Express each percent as a decimal.

45. 21%

46. 3.5%

47. What is 25% of 500?
48. 30 is what percent of 150?
49. 12 is 40% of what number?
50. What is 70% of 350?

## All Operations with Integers (A)

Use an integer strategy to find each answer.

$$(-5) + (-4) =$$

$$(-4) \times (-7) =$$

$$(+6) - (-2) =$$

$$(-3) + (+1) =$$

$$(-18) \div (-6) =$$

$$(-1) \times (+5) =$$

$$(-2) \times (-7) =$$

$$(+8) \times (+3) =$$

$$(+9) + (-3) =$$

$$(+3) \times (-1) =$$

$$(-4) - (-1) =$$

$$(+6) + (-5) =$$

$$(-3) + (+9) =$$

$$(-5) \times (+3) =$$

$$(-3) \div (+3) =$$

$$(-3) \times (+3) =$$

$$(-3) + (-6) =$$

$$(+8) + (-9) =$$

$$(-5) \times (+5) =$$

$$(-8) - (+6) =$$

$$(-7) - (-3) =$$

$$(+1) - (-9) =$$

$$(+8) \times (+4) =$$

$$(-4) + (-5) =$$

$$(+8) - (-2) =$$

$$(-9) \div (-4) =$$

$$(+6) \times (+3) =$$

$$(-7) - (+2) =$$

$$(+2) \times (-4) =$$

$$(+3) + (-8) =$$

## Dividing Decimals (A)

Find each quotient.

$$3.9 \overline{) 38.22}$$

$$7.6 \overline{) 34.2}$$

$$5.4 \overline{) 11.88}$$

$$9.3 \overline{) 58.59}$$

$$1.6 \overline{) 8.96}$$

$$9.2 \overline{) 77.28}$$

$$5.9 \overline{) 35.4}$$

$$7.6 \overline{) 69.92}$$

$$6.9 \overline{) 58.65}$$

$$6.2 \overline{) 49.6}$$

$$1.7 \overline{) 16.83}$$

$$7.1 \overline{) 12.07}$$

## Multiplying Decimals (A)

Find each product.

$$\begin{array}{r} 8.61 \\ \times 7.9 \\ \hline \end{array}$$

$$\begin{array}{r} 6.95 \\ \times 2.9 \\ \hline \end{array}$$

$$\begin{array}{r} 9.07 \\ \times 6.6 \\ \hline \end{array}$$

$$\begin{array}{r} 2.25 \\ \times 1.5 \\ \hline \end{array}$$

$$\begin{array}{r} 2.89 \\ \times 4.3 \\ \hline \end{array}$$

$$\begin{array}{r} 3.61 \\ \times 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 1.39 \\ \times 1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 1.14 \\ \times 2.0 \\ \hline \end{array}$$

$$\begin{array}{r} 2.78 \\ \times 4.1 \\ \hline \end{array}$$

$$\begin{array}{r} 6.98 \\ \times 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} 7.71 \\ \times 8.2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.62 \\ \times 8.3 \\ \hline \end{array}$$

$$\begin{array}{r} 2.33 \\ \times 5.3 \\ \hline \end{array}$$

$$\begin{array}{r} 6.98 \\ \times 4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 7.05 \\ \times 8.8 \\ \hline \end{array}$$

$$\begin{array}{r} 2.30 \\ \times 9.7 \\ \hline \end{array}$$

$$\begin{array}{r} 2.73 \\ \times 9.6 \\ \hline \end{array}$$

$$\begin{array}{r} 1.03 \\ \times 4.0 \\ \hline \end{array}$$

$$\begin{array}{r} 3.37 \\ \times 1.3 \\ \hline \end{array}$$

$$\begin{array}{r} 2.88 \\ \times 2.3 \\ \hline \end{array}$$