

Name \_\_\_\_\_

Date \_\_\_\_\_

## Summer Math Assignment 6<sup>th</sup> Grade

1. Write the value of the underlined digit in 5223.654.
2. Write the value of the underlined digit in 402.659.
3. Write the number for fifty-one and six thousandths.
4. Write 7.325 in words.

**Use <, >, or = to compare the decimals.**

5. 2.648 \_\_\_\_\_ 2.64
6. 6.25 \_\_\_\_\_ 6.250
7. 0.004 \_\_\_\_\_ 0.03
8. Order from least to greatest. 3.21, 0.321, 32.1, 0.32, 2.31
9. Order from least to greatest. 77.7, 777.7, 77.777, 7.7777
10. Round 75,845 to the nearest thousand.
11. Round 256.24 to the nearest whole number.
12. Round 546.256 to the nearest tenth.
13. Round 2.5879 to the nearest hundredth.

**Add.**

$$14. \begin{array}{r} 1.645 \\ + 7.869 \\ \hline \end{array}$$

$$15. \begin{array}{r} 6.59 \\ + 13.5 \\ \hline \end{array}$$

$$16. 9.356 + 6.2$$

$$17. \begin{array}{r} 7.58 \\ - 5.6 \\ \hline \end{array}$$

$$18. \begin{array}{r} 4.2 \\ - 0.7 \\ \hline \end{array}$$

$$19. \begin{array}{r} 8.06 \\ - 4.2 \\ \hline \end{array}$$

**Multiply.**

$$20. \begin{array}{r} 4.6 \\ \times 0.7 \\ \hline \end{array}$$

$$21. \begin{array}{r} 0.421 \\ \times 5.6 \\ \hline \end{array}$$

$$22. 3.08 \times 12.4$$

$$23. \begin{array}{r} 0.7 \\ \times 0.02 \\ \hline \end{array}$$

$$24. 0.032 \times 0.06$$

$$25. 0.28 \times 0.07$$

$$26. 0.06 \times 0.2$$

$$27. 0.07 \times 1,000$$

$$28. 478.24 \times 0.01$$

$$29. 0.001 \times 0.04$$

$$30. 0.9 \times 1,000$$

$$31. 6.04 \times 0.01$$

**Divide.**

$$32. 2.688 \div 1.6$$

$$33. 0.832 \div 0.26$$

$$34. 5 \overline{)10.16}$$

$$35. 13 \overline{)34.918}$$

$$36. 27.05 \div 2$$

$$37. 0.036 \div 24$$

$$38. 2.688 \div 1.6$$

$$39. 0.832 \div 0.26$$

$$40. 0.03 \overline{)0.144}$$

$$41. 0.00027 \div 0.18$$

$$42. 0.018 \div 0.9$$

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## Summer Math Assignment 6<sup>th</sup> Grade

Write each improper fraction as a mixed number.

43.  $\frac{23}{5}$

44.  $\frac{38}{24}$

Write each mixed number as an improper fraction.

45.  $3\frac{5}{8}$

46.  $4\frac{2}{7}$

Add or subtract. Write the answer in simplest form.

47.  $\frac{5}{8} + \frac{2}{9}$

48.  $\frac{7}{12} + \frac{3}{12}$

49.  $5\frac{4}{8} + 4\frac{6}{8}$

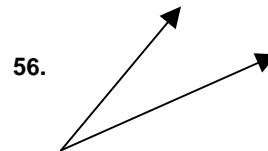
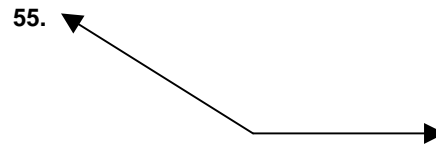
50.  $4\frac{8}{10} - 2\frac{6}{10}$

Use the word bank to complete each sentence below.

WORD BANK	
acute	right
obtuse	straight

51. An angle that measures exactly  $90^\circ$  is a(n) \_\_\_\_\_ angle.
52. An angle that measures less than  $90^\circ$  is a(n) \_\_\_\_\_ angle.
53. An angle that measures more than  $90^\circ$  and less than  $180^\circ$  is a(n) \_\_\_\_\_ angle.
54. An angle that measures exactly  $180^\circ$  is a(n) \_\_\_\_\_ angle.

Measure each angle with a protractor to the nearest degree.



Draw each angle with the given measurements.

57.  $47^\circ$   
58.  $162^\circ$

59. Draw a bar graph for the set of data.

Students' Favorite Field Trips	
Location	# of Students
Zoo	12
Theater	16
Art Museum	8
Science Center	11

60. Draw a multiple line graph for the data below.

Students Playing Recreational Sports			
	Basketball	Soccer	Track
7 <sup>th</sup> Graders	23	48	40
8 <sup>th</sup> Graders	41	54	26