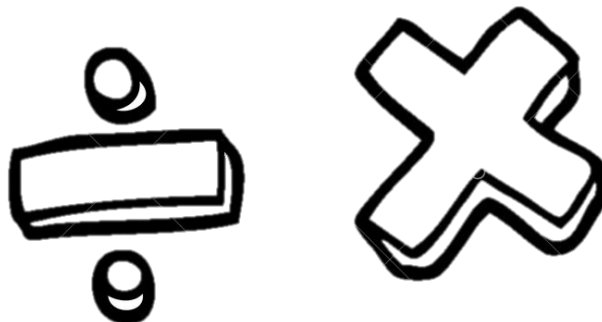
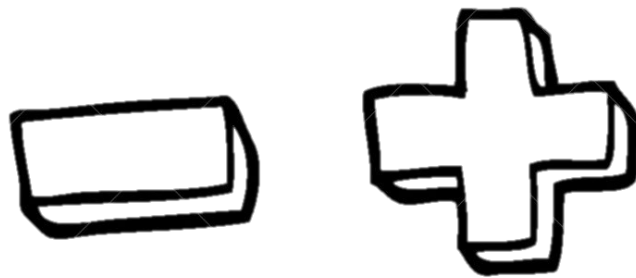


Name: _____

5th Grade
Summer
Math
Packet



Solve each problem. Show all your work!

1. Write the number in standard form:

Three hundred ninety million, five hundred thirty three _____

2. Write the place value of the underlined digit: 695,432 _____

3. Write the numbers in order from least to greatest:

8,373,219; 8,362,521; 8,873,209; 78,451,693 _____

Add or subtract.

4. $5 = d - 8$
 $d = \underline{\hspace{2cm}}$

5. $\begin{array}{r} \$54.65 \\ 17.98 \\ + \underline{5.18} \end{array}$

6. Complete. What property of addition did you use?

$226 + (\underline{\hspace{2cm}} + 421) = (226 + 909) + 421$ Property: _____

7. $\begin{array}{r} \$0.85 \\ - \underline{0.48} \end{array}$

8. $\begin{array}{r} 26,879 \\ - \underline{17,897} \end{array}$

9. $\begin{array}{r} \$8.00 \\ - \underline{4.31} \end{array}$

Estimate.

10. $9113 - 5411 = \underline{\hspace{2cm}}$ 11. $\$43.96 + 45.08 = \underline{\hspace{2cm}}$

Find the product

$$\begin{array}{r} 12.511 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \$84.78 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \$3.25 \\ \times 43 \\ \hline \end{array}$$

15. Complete the pattern. What's the rule?

32, 28, 29, 25, 26, 22, 23, _____, _____ Rule: _____

16. Use order of operations to solve. $32 + 18 + 24 \div 8 - 7 =$ _____

17. Find the mean. 12.50, 13.55, 13.75, 14.00, 14.50 _____

Compare. Write <, >, or =.

$$18. \frac{1}{8} \text{ ____ } \frac{1}{6}$$

$$19. 1\frac{3}{8} \text{ ____ } 1\frac{3}{16}$$

Write in order from least to greatest.

$$20. \frac{1}{2}, \frac{1}{6}, \frac{1}{3} \text{ ______, ______, ______}$$

$$21. 3\frac{7}{8}, 3\frac{15}{16}, 3\frac{18}{24} \text{ ______, ______, ______}$$

Find the missing numerator or denominator.

$$22. \frac{5}{6} = \frac{s}{12} \text{ s = ______}$$

$$23. \frac{7}{t} = \frac{35}{45} \text{ t = ______}$$

24. Find the greatest common factor (GCF) of 12, 36, and 18. _____

Write each fraction in simplest form. Write each improper fraction as a whole or mixed number.

25. $\frac{14}{18}$ _____

26. $\frac{21}{7}$ _____

27. $\frac{19}{13}$ _____

Add or subtract. Write your answer in simplest form.

28. $\frac{1}{9} + \frac{5}{9} =$ _____

29. $\frac{7}{16} - \frac{3}{16} =$ _____

30. $\frac{2}{7} + 1\frac{6}{7} =$ _____

31. $1\frac{3}{4} + 2\frac{3}{4} =$ _____

32. $7\frac{7}{8} - 1\frac{3}{8} =$ _____

33. $\frac{3}{5} + \frac{2}{7} =$ _____

34. Write the first three common multiples for the set of numbers. Then write the least common multiple (LCM).

2 and 7

_____, _____, _____ LCM: _____

35. What was the hardest part of this packet for you?

36. What was the easiest part of this packet for you?

37. What are you most excited to learn about in math in 5th grade?

I can't wait to have a great year! See you in September!! :)

Name _____

Materials list: Fraction strips.

Solve. Show your work. Use models to help.
Compare. Write $<$, $>$, or $=$.

1. $\frac{1}{8}$ ○ $\frac{1}{6}$

2. $1\frac{3}{8}$ ○ $1\frac{3}{16}$

Write in order from least to greatest. Use models to help.

3. $\frac{1}{2}$, $\frac{1}{6}$, $\frac{1}{3}$ _____, _____, _____

4. $3\frac{7}{8}$, $3\frac{15}{16}$, $3\frac{18}{24}$ _____, _____, _____

Find the missing numerator or denominator.

5. $\frac{5}{6} = \frac{s}{12}$ _____

6. $\frac{7}{t} = \frac{35}{45}$ _____

7. Find the greatest common factor (GCF) of 12, 36, and 18. _____

Write each fraction in simplest form, as a whole or mixed number.

8. $\frac{14}{18}$ _____

9. $\frac{21}{7}$ _____

10. $\frac{19}{13}$ _____

Add or subtract. Write in simplest form.

11. $\frac{1}{9} + \frac{5}{9} =$ _____

12. $\frac{7}{16} - \frac{3}{16} =$ _____

13. $\frac{2}{7} + 1\frac{6}{7} =$ _____

14.
$$\begin{array}{r} 1\frac{3}{4} \\ + 2\frac{3}{4} \\ \hline \end{array}$$

15. $7\frac{7}{8} - 1\frac{3}{8} =$ _____

16. $\frac{3}{5} + \frac{2}{7} =$ _____

Name _____

17. Write the first three common multiples for the set of numbers.
Then write the least common multiple (LCM).

2 and 7

_____, _____, _____ LCM: _____

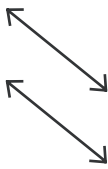
Find the value of the variable.

18. $\frac{6}{7}$ of 49 = p _____

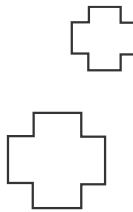
19. $n = \frac{4}{9}$ of 63 _____

Use a–f to identify 20–25.

a.



b.



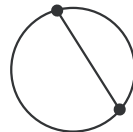
c.



d.



e.



f.



20. _____ a quadrilateral

21. _____ parallel lines

22. _____ a flip

23. _____ an obtuse angle

24. _____ a chord

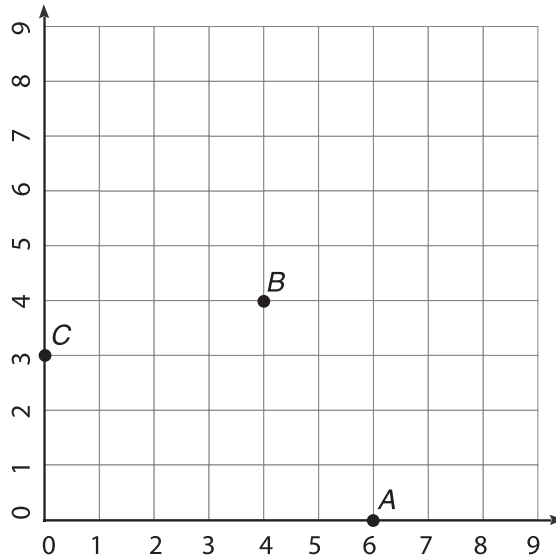
25. _____ similar objects

Name _____

Name the x -coordinate in each ordered pair.

26. $(8, 7)$ _____ $(15, 20)$ _____

Use the graph for problem 27.



27. Write the ordered pair for point B. Write the letter for the point $(0, 3)$.

Solve. Show your work.

Jade puts 6 red marbles, 3 yellow marbles, 5 brown marbles, and 6 green marbles into a bag. She reaches into the bag, picks a marble, records the color, and places the marble back into the bag.

28. How many marbles are there in all? _____

29. Find $P(\text{yellow})$ _____

Solve. Use simpler numbers to help.

30. Carson has to paint 2 wooden cubes.
Each cube needs $12\frac{3}{4}$ oz of paint.

How much paint does he need? _____

