



# SAINT JAMES ELEMENTARY SCHOOL

## Rising 4<sup>th</sup> Grade Math Packet

Name: \_\_\_\_\_

Please put the pages in order & staple before turning in to your Math teacher on the first day of school.



Subtraction Practice: Subtract using mental math.

1.  $100 - 60 =$  \_\_\_\_\_

2.  $140 - 3 =$  \_\_\_\_\_

3.  $900 - 400 =$  \_\_\_\_\_

4.  $1600 - 800 =$  \_\_\_\_\_

5.  $1200 - 300 =$  \_\_\_\_\_

Estimate by rounding to the nearest ten. Write a new number model for the rounded numbers and then subtract.

Example:  $124 - 21 =$  \_\_\_\_\_

$120 - 20 = 100$

6.  $93 - 38 =$  \_\_\_\_\_

\_\_\_\_\_

7.  $67 - 49 =$  \_\_\_\_\_

\_\_\_\_\_

8.  $75 - 27 =$  \_\_\_\_\_

\_\_\_\_\_

9.  $51 - 14 =$  \_\_\_\_\_

\_\_\_\_\_

Estimate by rounding to the nearest hundred or dollar. Write a new number model for the rounded numbers and then subtract.

10.  $635 - 379 =$  \_\_\_\_\_

\_\_\_\_\_

11.  $809 - 292 =$  \_\_\_\_\_

\_\_\_\_\_

12.  $\$5.50 - \$1.89 =$  \_\_\_\_\_

\_\_\_\_\_

13.  $\$7.98 - \$5.25 =$  \_\_\_\_\_

\_\_\_\_\_

**Subtract**

14. $\begin{array}{r} 739 \\ -372 \\ \hline \end{array}$	15. $\begin{array}{r} \$6.00 \\ -\$2.79 \\ \hline \end{array}$	16. $\begin{array}{r} 832 \\ -457 \\ \hline \end{array}$	17. $\begin{array}{r} 503 \\ -298 \\ \hline \end{array}$	18. $\begin{array}{r} 8,426 \\ -2,518 \\ \hline \end{array}$	19. $\begin{array}{r} 5,000 \\ -3,642 \\ \hline \end{array}$
20. $\begin{array}{r} 8,030 \\ -2,746 \\ \hline \end{array}$	21. $\begin{array}{r} 3,285 \\ -2,639 \\ \hline \end{array}$	22. $\begin{array}{r} \$98.05 \\ -\$39.52 \\ \hline \end{array}$	23. $\begin{array}{r} 8,264 \\ -3,537 \\ \hline \end{array}$	24. $\begin{array}{r} 9,063 \\ - 879 \\ \hline \end{array}$	Bonus: $\begin{array}{r} 6,003,070 \\ -3,471,684 \\ \hline \end{array}$

Place Value Review: Follow the steps to find each number in Problems 1 and 2.

- Write 6 in the ones place.  
Write 4 in the thousands place.  
Write 9 in the hundreds place.  
Write 0 in the tens place.  
Write 1 in the ten thousands place.
- Write 6 in the tens place.  
Write 4 in the ten thousands place.  
Write 9 in the ones place.  
Write 0 in the hundreds place.  
Write 1 in the thousands place.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

- Compare the two numbers you wrote in Problems 1 and 2.  
Which is greater? \_\_\_\_\_

- Complete.  
Example: The 9 in 4,965 stands for 9 hundreds or 900

The 7 in 87, 629 stands for 7 \_\_\_\_\_ or \_\_\_\_\_

The 4 in 48, 215 stands for 4 \_\_\_\_\_ or \_\_\_\_\_

The 0 in 72, 601 stands for 0 \_\_\_\_\_ or \_\_\_\_\_

Continue the Counts.

5. 4,707; 4,708; 4,709; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
6. 7,697; 7,698; 7,699; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
7. 903; 902; 901; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
8. 6,004; 6,003; 6,002; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_
9. 47,265; 47,266; 47,267; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_

Write the number that is 1,000 more.

10. 6,583 \_\_\_\_\_      11. 9,990 \_\_\_\_\_      12. 39,510 \_\_\_\_\_

Write the number that is 1,000 less.

13. 6,583 \_\_\_\_\_      14. 9,990 \_\_\_\_\_      15. 20,000 \_\_\_\_\_

Addition and Subtraction Review: Pay careful attention to the sign.

$\begin{array}{r} 537 \\ -219 \\ \hline \end{array}$	$\begin{array}{r} 7,257 \\ -4,188 \\ \hline \end{array}$	$\begin{array}{r} 921 \\ -472 \\ \hline \end{array}$
$\begin{array}{r} 10,781 \\ +73,919 \\ \hline \end{array}$	$\begin{array}{r} 49,548 \\ +56,711 \\ \hline \end{array}$	$\begin{array}{r} 267 \\ +777 \\ \hline \end{array}$

14. Add

- 9 dollars  
 12 quarters  
 25 dimes  
 11 nickels  
 + 18 pennies

\_\_\_\_\_ Total amount of money \$ \_\_\_\_\_

15. Mrs. Patton baked 135 delicious cookies. She took 47 to church and took 14 to her neighbor's home. Her family ate 8 cookies. She plans to bring the remaining cookies to the fourth grade party. How many cookies will she bring? Show your work and remember your unit.

Addition Practice

$\begin{array}{r} 327 \\ +481 \\ \hline \end{array}$	$\begin{array}{r} 1,537 \\ +7,914 \\ \hline \end{array}$	$\begin{array}{r} 8,134 \\ + 817 \\ \hline \end{array}$	$\begin{array}{r} 12,929 \\ +58,182 \\ \hline \end{array}$	$\begin{array}{r} 104,278 \\ + 45,487 \\ \hline \end{array}$
$\begin{array}{r} 789 \\ +6,135 \\ \hline \end{array}$	$\begin{array}{r} 371,843 \\ +563,777 \\ \hline \end{array}$	$\begin{array}{r} 9,674 \\ +7,432 \\ \hline \end{array}$	$\begin{array}{r} 489 \\ 243 \\ +156 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ 234 \\ 468 \\ +146 \\ \hline \end{array}$

Write each number.

Example: one million, four hundred thousand, five hundred three    1,410,503

1. three million, nine hundred fifty-four thousand, six hundred twenty-nine

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2. nine million, six hundred twenty-one thousand, six hundred eight

---

3. two million, thirty – nine thousand, four hundred ninety-eight

---

4. nine hundred forty –one thousand, eight hundred five

---

5. seven million, three thousand, two hundred eighty

---

6. six million, two hundred nine thousand, four hundred fifty – five

---

7. nine million, eight hundred two

---

8. six million, nine thousand, ten

---

18. Write the multiplication and division fact family for each group of numbers.

Example: 4, 28, 7

$$4 \times 7 = 28$$

$$7 \times 4 = 28$$

$$28 \div 7 = 4$$

$$28 \div 4 = 7$$

45, 9, 5

\_\_\_\_\_

32, 4, 8

\_\_\_\_\_

20, 4, 80

\_\_\_\_\_

6, 40, 240

\_\_\_\_\_

10, 6, 60

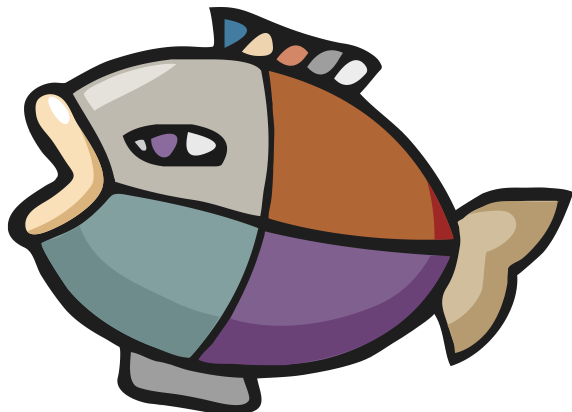
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30, 70, 210

\_\_\_\_\_



Measurement Review: Use fractions to carefully measure these drawings using both the 7 inch and centimeter sides of your ruler.



1. The length of the fish is about \_\_\_\_\_ inches and about \_\_\_\_\_ cm.

2. A \_\_\_\_\_ B

The distance of line segment AB above is about \_\_\_\_\_ in and \_\_\_\_\_ cm.



C \_\_\_\_\_ D  
Line segment AB measures about \_\_\_\_\_ in.

Line segment AB measures about \_\_\_\_\_ cm.

Line segment AC measures about \_\_\_\_\_ in.

Line segment AC measures about \_\_\_\_\_ cm.

Carefully draw the following line segments.

4.  $4\frac{1}{2}$  in

5. 2 cm shorter than 9.5 cm.

6.  $1\frac{1}{4}$  in. shorter than  $4\frac{1}{4}$  in.

### Numbers

Write the number that matches each description.

1. 4 in the tenths place  
2 in the thousandths place  
7 in the hundredths place  
0 in the ones place

\_\_\_\_\_

2. 5 in the tenths place  
3 in the tens place  
5 in the ones place  
3 in the hundredths place

\_\_\_\_\_

3. 4 in the thousandths place  
2 in the ones place  
7 in the hundredths place  
0 in the tenths place

\_\_\_\_\_

4. 0 in the hundredths place  
6 in the ones place  
8 in the thousandths place  
0 in the tenths place

\_\_\_\_\_

Write each number below as a decimal.

5. nine-tenths \_\_\_\_\_

6. thirty-thousandths \_\_\_\_\_

7. fifty-three hundredths \_\_\_\_\_

8. sixty and four-tenths \_\_\_\_\_

9. seven and seven-thousandths \_\_\_\_\_

10. sixty and four-hundredths \_\_\_\_\_

11. eight hundred \_\_\_\_\_

12. sixty-two thousandths \_\_\_\_\_

## Problem Solving

1. Samuel bought presents for 40 cents, 50 cents, 60 cents, and 70 cents. How much money did he spend in all? \_\_\_\_\_

CHECK: Does my answer make sense? \_\_\_\_\_

2. Trini rode her bike 12 miles on Friday. She rode 14 miles on Saturday and 15 miles on Sunday. How many miles did she ride in all? \_\_\_\_\_

CHECK: Does my answer make sense? \_\_\_\_\_

3. Jon, Dave, and Kevin collected rocks at the beach. Each boy collected 25 rocks. How many rocks did the boys collect in all? \_\_\_\_\_

CHECK: Does my answer make sense? \_\_\_\_\_

4. The Torrey family was on vacation. One day, they spent \$140 for a motel room, \$130 for meals, and \$200 at a park. How much money did they spend that day? \_\_\_\_\_

CHECK: Does my answer make sense? \_\_\_\_\_

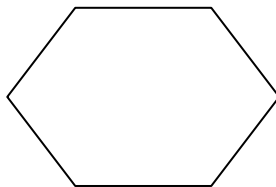
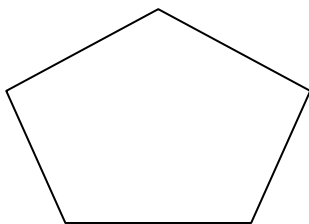
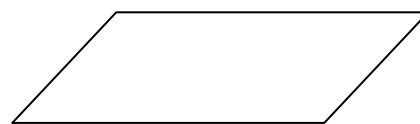
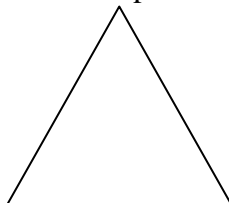
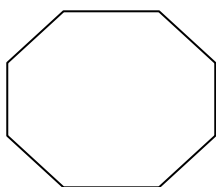
Use a straightedge to draw the following.

1. Draw and label line segment AB

2. Draw and label line XY

3. Draw and label ray CD

4. Write the name of each polygon below under the picture.



## Rounding

### 1. Round to the nearest ten.

275 \_\_\_\_\_

462 \_\_\_\_\_

3, 144 \_\_\_\_\_

8,392 \_\_\_\_\_

54, 297 \_\_\_\_\_

278, 434 \_\_\_\_\_

### 2. Round to the nearest hundred.

465 \_\_\_\_\_

6, 130 \_\_\_\_\_

2, 451 \_\_\_\_\_

2, 451 \_\_\_\_\_

64, 958 \_\_\_\_\_

2, 429 \_\_\_\_\_

### 3. Round 23, 876 to the nearest

ten \_\_\_\_\_

hundred \_\_\_\_\_

thousand \_\_\_\_\_

ten thousand \_\_\_\_\_

### 4. Round 297,497,026 to the nearest

Hundred \_\_\_\_\_

thousand \_\_\_\_\_

Ten \_\_\_\_\_

hundred thousand \_\_\_\_\_

### 5. Round 34,973.382 to the nearest

Tenth \_\_\_\_\_

hundred \_\_\_\_\_

Ten thousand \_\_\_\_\_

hundredth \_\_\_\_\_

## Various Concepts

1. What is the digit in the ten-thousands place of the number 68,173?
2. What is the place value of the 8 in the number 5,280?
  - A. ones
  - B. tens
  - C. hundreds
  - D. thousands
3. Which number is equal to 5,912?
  - A. 5 hundreds, 9 tens, and 12 ones
  - B. 5 thousands, 91 hundreds, and 12 ones
  - C. 5 thousands, 9 hundreds, and 12 ones
  - D. 5 thousands, 9 hundreds, 1 ten, and 2 ones
4. The number 9,036 is equal to which of the following?
  - A.  $900 + 30 + 6$
  - B.  $90 + 30 + 6$
  - C.  $9000 + 30 + 6$
5. Which number can be shared in two equal groups with no remainder?
  - A. 85
  - B. 490
  - C. 223
6. Martina has a new box of 64 crayons. She drops the box and 17 crayons are broken. How many crayons are NOT broken?
  - A. 47 crayons
  - B. 57 crayons
  - C. 53 crayon
  - D. 81 crayons

5. What is the perimeter of the above rectangle?

- A. 18 cm
- B. 30 cm
- C. 36 cm



12 cm

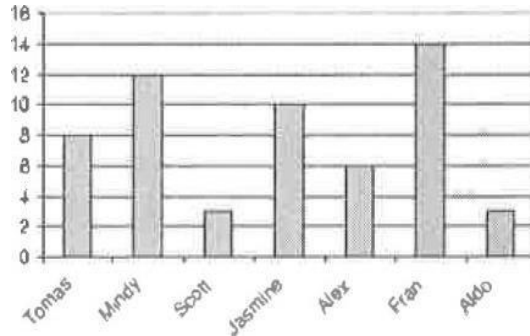
6. What is the area of the above rectangle?

- A. 36 square cm
- B. 72 square cm
- C. 36 square cm
- D. 18 square cm

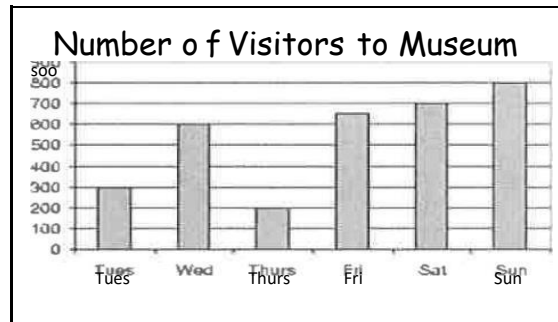
7. What is  $500 \times 8$ ? Explain how you figured this out, without using a calculator.

8. 23 children are waiting in line for a roller coaster. There are 5 carts that hold 4 people. Will all the children be able to ride together at the same time? Explain your answer.

9. This chart shows how many points were scored by members of a basketball team. How many players scored 10 or more points?



10.



Did the museum or the aquarium have more visitors for the week?

- A. Aquarium
- B. They are the same.
- C. Museum
- D. There is not enough information to decide.

11. Victoria has 15 dollars and 67 cents. If she borrows 10 dollars and 58 cents from her dad, how much money will she have altogether?

- A. 25 dollars
- B. 25 dollars and 25 cents
- C. 26 dollars
- D. 26 dollars and 25 cents

12. Andy had \$9.85. He bought a toy for \$5.52. How much money does Andy have left?

- A. \$3.24
- B. \$4.33
- C. \$5.43
- D. \$15.37



13. Anna had \$2.25. She was given \$5.50 for her birthday. Anna then spent \$4.35 on a new book. How much Money does Anna have now?
- A. \$1.15
  - B. \$3.25
  - C. \$3.40
  - D. \$7.75
14. Lance has \$5.62. If he wants to buy a book that costs \$16.95, how much more money will Lance need?
- A. \$5.93
  - B. \$9.66
  - C. \$1 1.33
  - D. \$22.57
17. The division 354 divided by 6 can be used to solve which of the following problems?
- A. How many school children there will be if 6 new students enroll at a school with 354 students?
  - B. B. How many school children will there be in a school if 6 students move away from a school with 354 students?
  - C. How many tables for 6 are needed to sit 354 people?
  - D. How many celery plants are planted in 6 rows if each row has 354 plants?
18. There are 8 socks in Vic's drawer. How many pairs are there'?
19. Which of the following is true?
- A.  $6 \times 3 = 4 \times 4$
  - B.  $20 - 5 = 19 - 3$
  - C.  $9 + 8 = 10 + 7$
  - D.  $2 \times 3 = 2 + 3$
20. Which multiplication fact can be used to find the answer to 56 divided by 7?
21. Susie wants to share 30 candies among 6 friends. How many candies will each friend get?
- A. 8
  - B. 7
  - C. 6
  - D. 5