

---

**St. Patrick School**  
**Incoming Third Grade**  
**Summer Math Packets**

**Mrs. Capote**  
**& Ms. Toussaint**

---

# Mid-Year Review <sup>3rd</sup>

## Test Prep

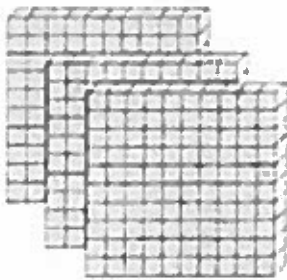
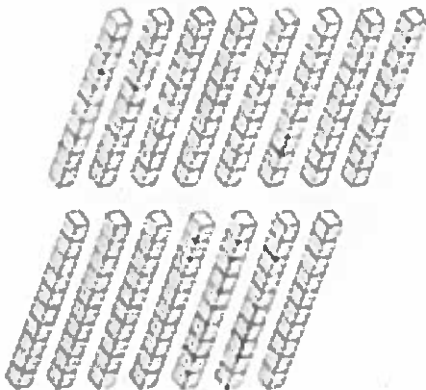
### Multiple Choice

Fill in the circle next to the correct answer.

1. Which shows three hundred four?

- (A) 34      (B) 304      (C) 340      (D) 344

2. Which number is shown in the chart?

Hundreds	Tens	Ones
		

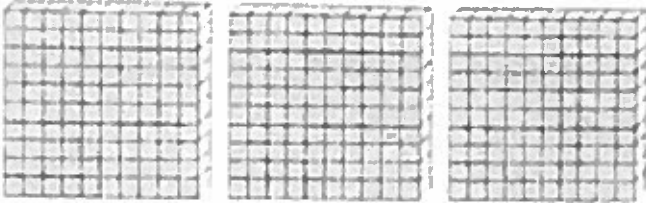
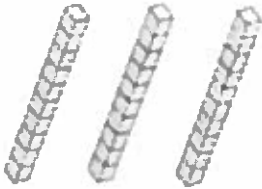

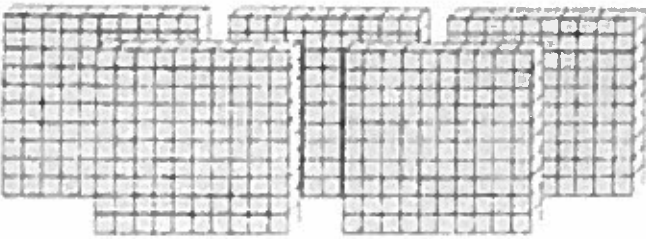
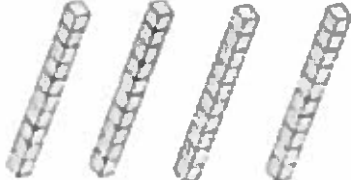
- (A) 450      (B) 405      (C) 350      (D) 315

3. Continue the pattern.

540, 650, 760, 870, \_\_\_\_\_

- (A) 890      (B) 950      (C) 980      (D) 1000

4. Add the two numbers shown on the chart.

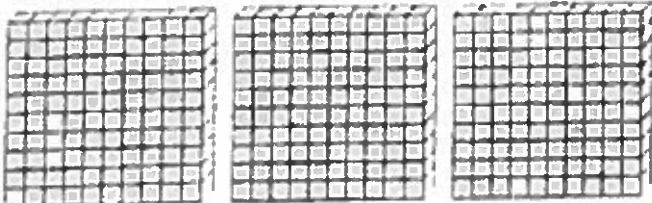
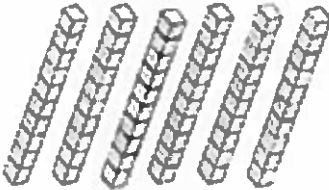

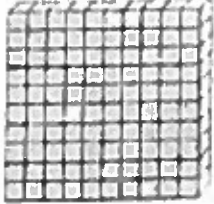
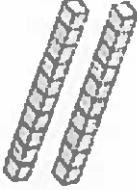

Hundreds	Tens	Ones
		
		

- (A) 879      (B) 560      (C) 319      (D) 241

5.  $275 + 16 = \underline{\hspace{2cm}}$

- (A) 281      (B) 291      (C) 381      (D) 415

6. Subtract the two numbers shown on the chart.

Hundreds	Tens	Ones
		
		

7. Subtract.

$$\begin{array}{r} 547 \\ - 254 \\ \hline \end{array}$$

- (A) 801      (B) 393      (C) 313      (D) 293

8. Use these digits.



Make the greatest 3-digit number.

Then make the least 3-digit number.

Then subtract the two numbers.

- (A) 587      (B) 505      (C) 495      (D) 477

9. Darren has 86 marbles.

Max has 74 marbles.

How many marbles do they have in all?

- (A) 12      (B) 86      (C) 150      (D) 160

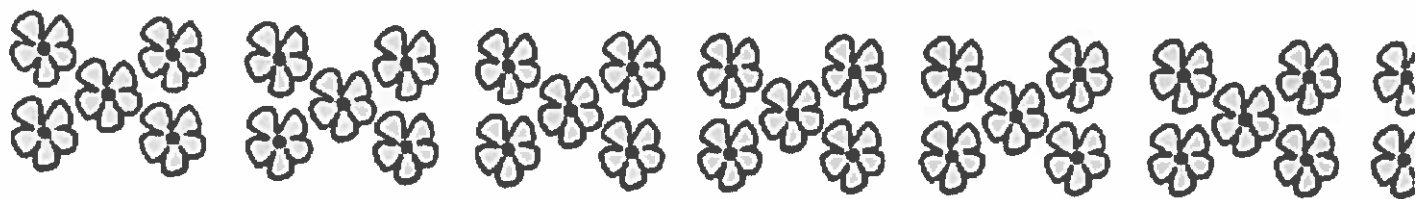
10. Felix has \$125.

He uses \$70 to buy a pair of shoes.

How much does he have left?

- (A) \$195      (B) \$87      (C) \$75      (D) \$55

1. Look at the picture.



How many flowers are there?

- (A)  $7 + 5$       (B)  $7 \times 5$       (C)  $5 \times 2$       (D)  $5 \times 10$
2. The length of a placemat is about \_\_\_\_\_.
- (A) 40 cm      (B) 40 m      (C) 1 cm      (D) 1 m
3. Rosa has a ribbon 100 centimeters long.  
She uses 45 centimeters of it.  
What is the length of ribbon left?
- (A) 155 cm      (B) 100 cm      (C) 55 cm      (D) 65 cm
4. Letoya buys 35 books on Monday.  
She buys 21 books on Tuesday.  
She sells 40 of these books.  
How many books does she have left?
- (A) 14      (B) 16      (C) 56      (D) 96
5. A carton of milk has a mass of 450 grams.  
Two cartons are put into a box with a mass of 37 grams.

## Short Answer

Read the questions carefully.

Write your answers in the space provided.

16. Write 386 in words.

---

17. Write 520 in expanded form.

---

18. Order the numbers from greatest to least.

609

712

699

543

---

19. Add 438 and 156. \_\_\_\_\_

$$\begin{array}{r} 438 \\ + 156 \\ \hline \end{array}$$

20. Subtract 17 from 831. \_\_\_\_\_

21. Subtract 284 from 861. \_\_\_\_\_

22. Fill in the blanks.

$7 \times 2 = \underline{\hspace{2cm}}$

$2 \times 7 = \underline{\hspace{2cm}}$

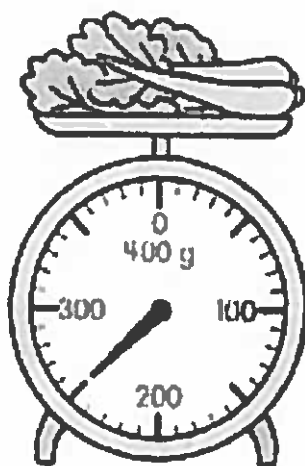
$\underline{\hspace{2cm}} \div 2 = 7$

$\underline{\hspace{2cm}} \div 7 = \underline{\hspace{2cm}}$

23. What is the length of Drawing A? \_\_\_\_\_ cm

\_\_\_\_\_ Drawing A

24. What is the mass of the vegetables?



\_\_\_\_\_ g

- 25.** Fill in the blank with *more than* or *less than*.



The container has \_\_\_\_\_ 1 liter of water.

- 26.** The Recycling Committee has \$746.  
They raise \$198 more.  
How much do they have now?

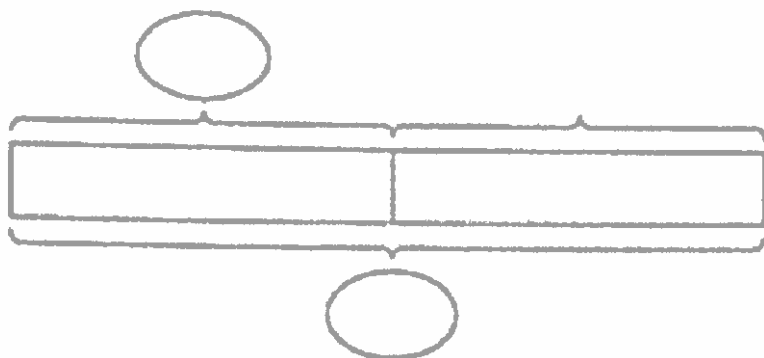
\$ \_\_\_\_\_

- 27.** In a game, the Green Team scored 270 points.  
The Yellow Team scored 363 points.  
How many more points did the Yellow Team score  
than the Green Team?

\_\_\_\_\_ points



- 28.** Gina has 200 beads.  
94 of the beads are red.  
The rest are yellow.  
How many yellow beads does Gina have?  
Complete the bar model.  
Then find the answer.



Gina has \_\_\_\_\_ yellow beads.

- 29.** 138 cars and 27 vans are in a parking lot.  
How many vehicles are there in all?  
Draw a bar model.  
Then find the answer.

There are \_\_\_\_\_ vehicles in all.

- 30.** The mass of a bottle of oil is 2 kilograms.  
What is the mass of 9 such bottles?

The mass is \_\_\_\_\_ kilograms.

- 31.** Eva has 40 crayons.  
She gives them to her friends to be shared equally.  
Each friend receives 5 crayons.  
How many friends are there?

There are \_\_\_\_\_ friends.

## Extended Response

**Solve.**

**Show your work.**

- 32.** The Finch family drives 352 miles on vacation.  
The Perez family drives 168 miles more than the Finch family
- How far does the Perez family drive?
  - How many miles do they drive in all?

a. The Perez family drives \_\_\_\_\_ miles.

b. They drive \_\_\_\_\_ miles in all.

- 33.** Tasha has 249 cards.  
Tim has 53 fewer cards than Tasha.  
Lee has 79 more cards than Tim.  
How many cards does Lee have?



Lee has \_\_\_\_\_ cards.

**34.** Mikayla has 5 strings of beads.

Each string has 4 beads on it.

Mikayla divides her beads into 2 strings of beads.

- a. How many beads does Mikayla have in all?
- b. How many beads are there on each string in the end?

a. Mikayla has \_\_\_\_\_ beads in all.

b. There are \_\_\_\_\_ beads on each string in the end.

**35.** The height of Kory's desk is 58 centimeters.

The height of Kory's door is 239 centimeters.

- a. What is the total height of Kory's desk and door?
- b. What is the difference in height between Kory's desk and door?

a. The total height of Kory's desk and door is  
\_\_\_\_\_ centimeters.

b. The difference in height between Kory's desk and door is

- 36.** A barrel contains 60 liters of rainwater.  
Mrs. Potts uses 14 liters of rainwater to water her vegetable garden.  
She uses another 13 liters of rainwater to wash her car.  
How much rainwater is left in the barrel?

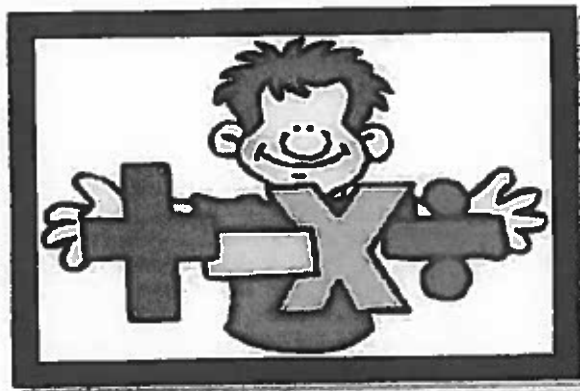
\_\_\_\_\_ liters of rainwater are left in the barrel.

- 37.** Ling mixes 120 cups of lemonade in the morning.  
She mixes 93 cups of lemonade in the afternoon.
- How many cups of lemonade does she mix in all?
  - She sells 207 cups of lemonade.  
How many cups of lemonade does she have left?

**a.** She mixes \_\_\_\_\_ cups of lemonade in all.

# SUMMER MATH PACKET

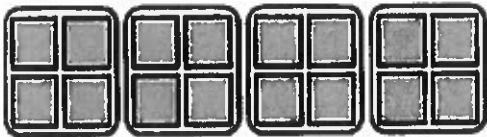
## INCOMING 4<sup>TH</sup> GRADERS



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

Parent Signature: \_\_\_\_\_

Bri drew a picture. Choose all of the equations that represent Bri's picture.



- $1 + 1 + 1 + 1 = 4$
- $4 + 4 + 4 = 12$
- $4 + 4 + 4 + 4 = 16$
- $4 \times 2 = 8$
- $4 \times 4 = 16$

Frances has 3 boxes of books with 6 books in each box. Draw an array to show the books. Find the total number of books.

Omar uses repeated subtraction to find  $54 \div 6$ . How many groups of 6 does Omar subtract?

Lance is putting 2 apple slices on each of 6 salads. What is the total number of apple slices? Show the problem on a number line. Then write the answer.



apple slices

Mikael solves a multiplication problem by drawing jumps on a number line. Which multiplication equation does his number line show?



Zander has 21 basketballs that he wants to put into 2 different racks. Can there be equal groups of basketballs with no basketballs remaining? Why or why not?

At the fair, tickets are \$6 for each adult and \$5 for each child. 5 adults and 3 children attend the fair. What is the total cost of their tickets?

A garden has 9 rows of tomato plants. There are 8 plants in each row. How many tomato plants are there?

Mrs. Applegate wrote five equations on the board. Which of the equations did she write correctly? Choose all that apply.

- $14 \times 0 = 14$
- $23 \times 1 = 23$
- $87 \times 0 = 0$
- $89 \times 1 = 90$
- $19 \times 0 = 0 \times 19$

Miriam has 3 packages of pencils. Each package has 10 pencils. How many pencils does Miriam have?

Choose the greatest product.

- A  $10 \times 1$
- B  $2 \times 6$
- C  $5 \times 3$
- D  $9 \times 0$

Draw lines to connect equal expressions.

$5 \times 1$	$7 \times 0$
$3 \times 0$	$4 \times 5$
$5 \times 4$	$1 \times 5$

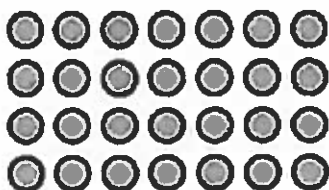
A beaded bracelet has 3 different types of beads. There are 10 of each type of bead. How many beads are in the bracelet?

- A 13 beads
- B 15 beads
- C 20 beads
- D 30 beads

Tamika has 2 pies. She cuts each pie into 6 pieces. How many pieces of pie does Tamika have?



Jamal broke up a large array into a  $3 \times 6$  array and a  $4 \times 6$  array. What was the Tyrone wrote a multiplication fact and a division fact for the array below. Choose all of the equations that show a fact Tyrone could have written.



- $4 \times 6 = 24$
- $7 \times 4 = 28$
- $28 \div 4 = 7$
- $8 \times 4 = 32$
- $32 \div 4 = 8$

Draw lines to connect equal expressions.

$0 \div 8$	$8 \div 8$
$36 \div 6$	$6 \times 0$
$4 \div 4$	$7 \times 1$
$35 \div 5$	$1 \times 6$

Debra drew the bar diagram below. Which equations could be used to represent the problem shown in Debra's bar diagram? Choose all that apply.



- $? \times 36 = 4$
- $4 \div ? = 36$
- $36 \div 4 = ?$
- $4 \times ? = 36$
- $36 \times 4 = ?$

Corey wrote three equations. What number will make all of Corey's equations true?

$$? \times 9 = 54$$

$$42 \div ? = ?$$

$$48 \div ? = 8$$

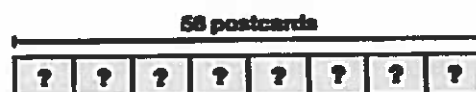
Levi is buying used books. He buys 5 hardcover books and 2 paperback books. He spends \$28. If the books are all the same price, how much does each book cost?

Sam wrote five numbers. Which of Sam's numbers can be divided into 6 equal groups with 0 left over? Choose all that apply.

- 56
- 54
- 48
- 36
- 32

On her trip, Cybil sent 56 postcards. She sent the same number of postcards to each of 8 friends. How many postcards did Cybil send to each friend?

Use the bar diagram to help.

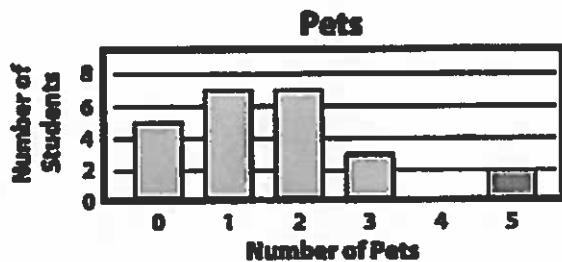


- A 6
- B 7
- C 8
- D 9

Jeff has a square garden. One side of the garden is 8 feet long. What is the area of Jeff's garden?

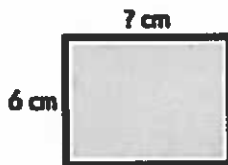
- (A) 16 square feet
- (B) 32 square feet
- (C) 64 square feet
- (D) 128 square feet

Mr. Rudolph's class made a bar graph of the number of pets each student has. How many students in the class have 3 pets?



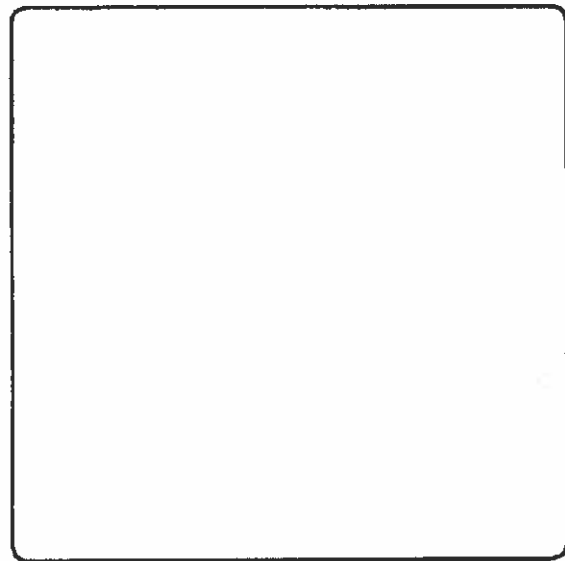
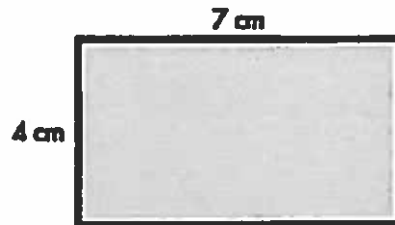
- (A) 0
- (B) 2
- (C) 3
- (D) 5

Lizzie draws a rectangle with an area of 42 square centimeters. She labels one side 6 centimeters, but she forgot the other side. What is the missing length?



- 6 centimeters
- 7 centimeters
- (C) 8 centimeters
- (D) 9 centimeters

Josie draws a rectangle. Explain how to find the area.

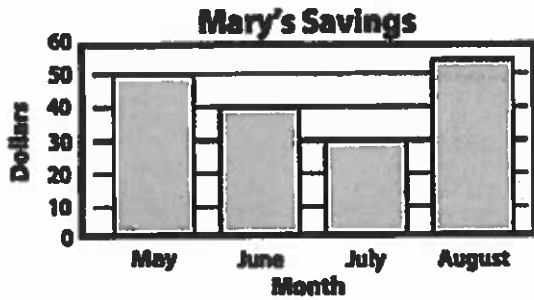


Mary made a picture graph to show how many miles she ran each week. In which week or weeks did she run 8 miles?

Miles Run in July	
Week 1	
Week 2	
Week 3	
Each  = 2 miles.	Each  = 1 mile.

- (A) Week 1
- (B) Week 3
- (C) Weeks 1 and 3
- (D) Weeks 2 and 3

The graph shows the amount of money Mary saved in each of 4 months. In which month did she save the most money?



- (A) May
- (B) June
- (C) July
- (D) August

Mr. Brown drove 212 miles on Monday. On Tuesday he drove 69 miles. He drove another 183 miles on Wednesday. How many total miles did he drive over the 3 days?

- (A) 464 miles
- (B) 454 miles
- (C) 364 miles
- (D) 354 miles

Last month, Alice rode her bike 219 miles. Her brother Charles rode his bike 196 miles. Both Alice and Charles took 18 rides. How many miles did they ride?

- (A) 397 miles
- (B) 405 miles
- (C) 415 miles
- (D) 433 miles

Jarod is making a bar graph to compare how many sports cards he has for each sport. He has 32 baseball cards, 24 football cards, 12 soccer cards, and 16 basketball cards. Which scale makes the most sense for Jarod to use with his graph?

- (A) Each grid line equals 1 sports card.
- (B) Each grid line equals 4 sports cards.
- (C) Each grid line equals 8 sports cards.
- (D) Each grid line equals 10 sports cards.

Draw lines to match each number on the left with the number on the right that shows rounding to the nearest hundred.

732	400
555	700
449	500
498	600

Cows at the Wolf dairy farm produced 300 gallons of milk on Thursday. A local ice cream maker purchased 165 gallons of this milk. There are 50 cows on the farm. How many gallons are left to sell?

- (A) 85 gallons
- (B) 135 gallons
- (C) 415 gallons
- (D) 465 gallons

Mario has 311 tokens. He uses 185 of them to download a game to his tablet and 19 of them to add a character to another game. How many tokens does he have left?

At an art festival, Mr. Jessup sold one painting for \$178 and another for \$125. He spent \$85 for art supplies. How can Mr. Jessup find out how much money he had left? Choose all that apply.

- Add \$85 and \$125; then subtract \$178.
- Add \$178 and \$125; then subtract \$85.
- Subtract \$85 from \$125; then add \$178.
- Add \$178 and \$85; then subtract \$125.
- Add \$125 and \$178; then subtract \$85.

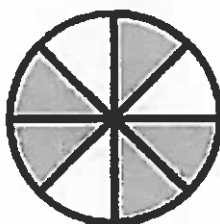
Last year, Earl added \$763 to his savings account. His brother Jim added \$547 to his savings. Which shows how much more Earl saved?

- (A) \$116
- (B) \$216
- (C) \$226
- (D) \$261

Betty is making bracelets and needs 6 boxes of blue beads and 2 boxes of white beads. Each box of beads contains 20 beads. How many beads does Betty need?

- (A) 120
- (B) 160
- (C) 180
- (D) 240

What fraction of the whole is shaded?



Mr. Roberts is building a fence. He spent 90 minutes working on each of 2 days. On the first day, he built  $\frac{1}{5}$  of the fence. The second day, he built another  $\frac{2}{5}$  of the fence. What fraction of the fence has he built so far?

- (A)  $\frac{1}{5}$
- (B)  $\frac{2}{5}$
- (C)  $\frac{3}{5}$
- (D)  $\frac{4}{5}$

Marilyn and her brothers are painting a fence. Marilyn paints  $\frac{1}{6}$  of the fence. Lee and Carl each paint  $\frac{2}{6}$  of the fence. How much of the fence do they paint all together?

Joseph and Ernie walked the same distance to baseball practice. Their start and end times were different. Who walked faster and by how many minutes?

Joseph



Start



End

Ernie



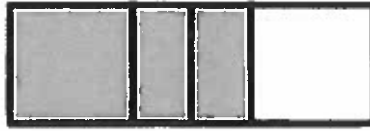
Start



End

- (A) Ernie; 5 minutes faster than Joseph
- (B) Joseph; 5 minutes faster than Ernie
- (C) Joseph; 15 minutes faster than Ernie
- (D) They finished in the same amount of time.

Li believes that  $\frac{3}{4}$  of the figure is shaded. Is he correct? Explain.



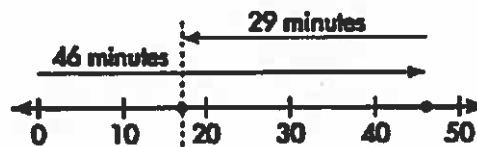
Karyna jogged  $\frac{2}{8}$  of a mile. Hannah jogged  $\frac{3}{6}$  of a mile.



Which comparisons are true? Choose all that apply.

- $\frac{2}{8} > \frac{3}{6}$
- $\frac{2}{8} < \frac{3}{6}$
- $\frac{2}{8} = \frac{3}{6}$
- $\frac{2}{8} > \frac{3}{6}$
- $\frac{2}{8} < \frac{3}{6}$

Maria rode her bike for 46 minutes on Saturday and 29 minutes on Sunday. How many more minutes did Maria ride her bike on Saturday?



- (A) 1 hour 15 minutes
- (B) 29 minutes
- (C) 17 minutes
- (D) 7 minutes

Mrs. Lopez left for work at 6:35 A.M. She arrived at work 40 minutes later. What time did she arrive at work?

A pet store sells bags of dog food. Each bag weighs 3 kilograms. Draw lines to match each number of bags on the left with the correct total weight on the right.

2 bags	9 kilograms
4 bags	12 kilograms
3 bags	6 kilograms
6 bags	18 kilograms

Sydney is looking for a tool to measure the mass of a pineapple. Which tool should she use?

- A Yardstick
- B 1-liter container
- C Pan balance
- D Clock

Look at the time on the clock below. Choose all the ways to write this time.



- 12:42
- 18 minutes before 12
- 18 minutes before 1
- 42 minutes after 12
- 1:18

Tyler used 18 kilograms of potting soil to fill flower boxes. He had already used 23 kilograms of potting soil to fill the flower pots. How many kilograms of potting soil did Tyler use in all?

## **St. Patrick School Summer Math Packet**

### **Incoming 5<sup>th</sup> Graders**

You have heard it said that “math is not a spectator sport.” This means that the way a person becomes good at math is by “doing math”. Since it is important to exercise your mathematical thinking so that you remain in “good mathematical shape”, I have designed the problems in this packet to help you review topics we have learned from this past school year.

Please put the pages in order and staple before turning in the packet.  
All problems must be **worked out clearly**.

Remember to read each question carefully! Also remember all the shortcuts that we have learned and practiced!

Have a safe and blessed summer vacation!!

Love always,

Ms. Shaw

PearsonRealize Summer Math Packet- Entering  
5<sup>th</sup> graders

1. Draw lines to match the value of the underlined digit in the numbers on the left to the numbers on the right.

83, <u>2</u> 84	8,000
<u>8</u> 4,794	80
3 <u>8</u> ,385	800
48, <u>8</u> 34	80,000

2. Which symbol makes the comparison true? Write the correct symbol from the box.

443,292  445,692

<    >    =

3. Patrick writes 20,033 in expanded form. What did Patrick write?

4. The table shows the number of people who visited three different dog parks over the past year.

**Number of Visitors**

All Dogs Park	45,392
Sunshine Park	24,934
Fountain Park	26,647

**Part A**

Write the expanded form of each number in the Number of Visitors table.

5. Choose Yes or No to tell if the comparison is correct.

65,215 > 65,512       Yes    No

292,200 < 229,200     Yes    No

890,242 > 890,224     Yes    No

101,111 < 111,111     Yes    No



6. The senior class printed 3,000 tickets for a play. They sold 2,450 tickets. How many tickets are left?

- (A) 450 tickets
- (B) 550 tickets
- (C) 1,450 tickets
- (D) 5,450 tickets

7. On Saturday, 143,355 people went to a festival. On Sunday, only 47,777 people went to the festival. How many more people went on Saturday than on Sunday?

- (A) 85,978 people
- (B) 86,978 people
- (C) 95,578 people
- (D) 96,078 people

8. The Nile River is 7,088 kilometers long. The Amazon River is 6,575 kilometers long. How much longer is the Nile River than the Amazon River?

9. Draw lines to connect equal expressions.

$17,432 + 8,509$	$16,520$
$83,928 - 67,408$	$38,252$
$32,336 - 15,916$	$25,941$
$21,732 + 16,520$	$16,420$

10. In August, Jo's Pizza Shop sold 7,236 pizzas. In September, 5,957 pizzas were sold. What is the total number of pizzas sold?

11. Nikolas and Jayson recorded the number of miles each ran over two years.

**Miles Ran**

Year	Nikolas	Jayson
Last Year	1,362	948
This Year	982	1,013

Write and solve equations to find how many more total miles Nikolas and Jayson ran last year than this year.

12. In each of 3 games last month, Julia's bowling score was 195. Use compensation to find the total score for Julia's 3 games.

13. Elliot's father drives 2,037 miles each month. How many miles does he drive in 4 months?

14. The Bumblebee Bakery is taking orders for cupcakes. The cupcakes are sold in boxes.

Cupcakes	Number of Boxes
Strawberry Crème	37
Blackberry Bliss	72
Chocolate Delight	43
Surprise Assortment	17

There are 8 Blackberry Bliss cupcakes in each box. Write and solve an equation to find how many Blackberry Bliss cupcakes were ordered.

15. The table shows the number of sandwiches sold in a busy deli in 1 month.

Type	Number
Chicken	230
Roast Beef	189
Ham	305
Turkey	267

If the same number of turkey sandwiches were sold for 4 months in a row, how many turkey sandwiches would be sold in all?

16. Maria earns \$183 per month for babysitting. Which are reasonable estimates for the amount of money Maria will have if she saves all of the money she earns for 3 months?

- \$300  
 \$400  
 \$500  
 \$600  
 \$900

17. A copy clerk makes 4 copies of a 256-page document. How many pages were copied? Draw a bar diagram to solve the problem.

18. Each package holds 72 markers. Mr. Alvarez has 4 packages. Write and solve an equation that can be used to find the number of markers Mr. Alvarez has.




19. There are 23 students in Mrs. Lee's class. Each student has a box containing 28 pastel crayons. Use rounding to estimate the total number of pastel crayons in Mrs. Lee's class.

20. The pizza parlor uses 20 pieces of pepperoni on each large pizza. The pizza parlor made 60 large pizzas. How many pieces of pepperoni were used on the large pizzas?

(A) 40 pieces      (C) 1,200 pieces  
(B) 120 pieces      (D) 12,000 pieces

21. Joey's scout troop is building 14 birdhouses. Each birdhouse uses 30 nails. How many nails does the troop need in all?

22. Mrs. Ander's garden has 12 rows of blue flowers. Each row contains 16 blue flowers. Write and solve an equation to find the number of blue flowers in Mrs. Ander's garden.

23. A baker's dozen has 13 muffins. Serena ordered 30 baker's dozens. How many muffins did Serena order?

24. Mrs. Brooks has 34 yards of ribbon to make wreaths. Each wreath requires 5 yards of ribbon. How many wreaths can Mrs. Brooks make? How many yards will she have left?

25. Mr. Moretti saves an equal amount of money each month for 8 months. He is saving to buy a boat that costs \$2,400. Draw a bar diagram. Write and solve an equation to find how much money Mr. Moretti needs to save each month to buy the boat.

26. Sam has 575 photos printed. He puts an equal number of photos into each of 5 albums.

**Part A**

Write an equation to show the number of photos Sam put in each album.

27. The cost of a camping trip was \$2,484. The cost was divided equally among 6 families. How much money did each family pay?

(A) \$224  
(B) \$414  
(C) \$480  
(D) \$481

28. There are 4,200 beads in a box. There are 6 bags of beads in each box. If each bag has the same number of beads, how many beads are in each bag?

29. Choose Yes or No to tell if the remainder is 3.

9a.  $52 \div 6 = 8 \text{ R}?$       Yes    No

9b.  $351 \div 6 = 58 \text{ R}?$       Yes    No

9c.  $1,348 \div 7 = 192 \text{ R}?$     Yes    No

9d.  $2,699 \div 8 = 337 \text{ R}?$     Yes    No

30. There are 4,200 beads in a box. There are 6 bags of beads in each box. If each bag has the same number of beads, how many beads are in each bag?

31. The distance from Columbus to Lexington is about 200 miles. Mrs. Potter's goal is to drive to Lexington in 4 hours. How many miles does she need to drive each hour to meet her goal?

32. Use an algorithm to find the quotient. Choose numbers from the box to complete the calculations. Use each number once.

$$\begin{array}{r}
 \square 6 \square \\
 4 \overline{) 676} \\
 - \square \\
 \hline
 2 \square \\
 - \square 4 \\
 \hline
 \square 6 \\
 - 3 \square \\
 \hline
 \square
 \end{array}$$

0	1
2	3
4	6
7	9

33. The Comic Depot gives customers a free comic book when they purchase 9 comic books. How many free comic books can Marci get if she buys 68 comics? How many more comic books does she need to buy to get her next free comic book?

34. Choose the correct phrase from the box to complete each statement.

times as many as                      more than

100 is 52  48.

88 is 8  11.

63 is 9  7.

72 is 12  60.

35. Emily wrote a list of expressions and a list of solutions. Draw lines to match the expression with the correct solution.

Expression	Solution
25 times as many as $w$ is 200	54
64 is 4 times as many as $b$	108
$6 \times 18$	16
6 times as many as 9	8

36. Paige wrote 4 sets of numbers. Which sets show only multiples of 8?

2a. 8, 16, 24, 32       Yes    No

2b. 16, 32, 40, 64       Yes    No

2c. 1, 2, 4, 8             Yes    No

2d. 8, 80, 88, 800       Yes    No

37. Which statement is true?

- A The only factors of 4 are 4 and 1.
- B The only factors of 7 are 7 and 1.
- C The only factors of 16 are 16 and 1.
- D The only factors of 32 are 32 and 1.

38. Choose the correct word from the box to complete each statement.

Prime	Composite
-------	-----------

29 is a  number.

51 is a  number.

62 is a  number.

91 is a  number.

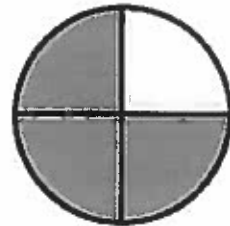
39. Write 3 multiples and 3 factors for 12.

40. Which lists all the factors of 36?

- A 1, 36
- B 1, 2, 4, 6, 36
- C 1, 2, 3, 4, 6, 9, 12, 18, 36
- D 36, 72, 108, 144, 180, 216

41. For dinner, Josie ate  $\frac{3}{4}$  of her pizza. What fraction is equivalent to  $\frac{3}{4}$ ?

- A  $\frac{1}{4}$
- B  $\frac{3}{8}$
- C  $\frac{4}{6}$
- D  $\frac{6}{8}$



42. Missy walks  $\frac{1}{3}$  mile to school. Select all the fractions that are equivalent to  $\frac{1}{3}$ .

- $\frac{1}{6}$
- $\frac{2}{6}$
- $\frac{4}{12}$
- $\frac{3}{6}$
- $\frac{3}{4}$

43. Explain how to use multiplication to find an equivalent fraction for  $\frac{1}{4}$ .

44. Only one of the comparisons below is incorrect. Which is incorrect?

(A)  $\frac{1}{4} < \frac{1}{3}$       (C)  $\frac{5}{6} = \frac{7}{8}$   
 (B)  $\frac{3}{8} > \frac{1}{4}$       (D)  $\frac{1}{3} < \frac{2}{5}$

45. Select all the expressions that show a way to decompose  $\frac{5}{10}$ .

- $\frac{3}{10} + \frac{2}{10}$   
  $\frac{1}{10} + \frac{1}{10} + \frac{3}{10}$   
  $\frac{3}{4} + \frac{2}{6}$   
  $\frac{1}{10} + \frac{2}{10} + \frac{2}{10}$   
  $\frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

46. For questions 5a–5d, choose Yes or No to tell if  $\frac{4}{10}$  will make each equation true.

5a.  $\frac{3}{10} + \square = \frac{7}{10}$        Yes    No

5b.  $\frac{16}{10} - \square = 1$        Yes    No

5c.  $1\frac{1}{10} + \square = 5\frac{1}{10}$        Yes    No

5d.  $1\frac{5}{10} - \square = 1\frac{1}{10}$        Yes    No

47.

$$\begin{array}{r} 8\frac{5}{8} \\ - \quad \frac{7}{8} \\ \hline \end{array}$$

48.

$$\begin{array}{r} 2\frac{7}{13} \\ - \quad \frac{11}{13} \\ \hline \end{array}$$

49.

$$\begin{array}{r} 2\frac{4}{7} \\ - \quad \frac{5}{7} \\ \hline \end{array}$$

50.

$$\begin{array}{r} 2\frac{3}{8} \\ + \quad \frac{7}{8} \\ \hline \end{array}$$

51.

$$\begin{array}{r} 1\frac{3}{4} \\ + \quad \frac{3}{4} \\ \hline \end{array}$$

52. For questions 2a-2d, choose Yes or No to tell if  $\frac{1}{3}$  will make each equation true.

2a.  $6 \times \square = \frac{6}{3}$      Yes    No

2b.  $6 \times \square = 2$      Yes    No

2c.  $7 \times \square = \frac{1}{7}$      Yes    No

2d.  $7 \times \square = 2\frac{1}{3}$      Yes    No

### Converting Improper Fractions to Mixed Numbers

53.  $\frac{7}{2} = \underline{\hspace{2cm}}$

54.  $\frac{14}{3} = \underline{\hspace{2cm}}$

55.  $\frac{5}{2} = \underline{\hspace{2cm}}$

56.  $\frac{11}{2} = \underline{\hspace{2cm}}$

### Converting Mixed Numbers to Improper Fractions

57.  $4\frac{2}{5} = \underline{\hspace{2cm}}$

### Converting Mixed Numbers to Improper Fractions

58.  $2\frac{4}{5} = \underline{\hspace{2cm}}$

59.  $9\frac{1}{4} = \underline{\hspace{2cm}}$

60.  $\frac{2}{3} \times 9 =$

61.  $\frac{2}{4} \times 7 =$

62.  $\frac{1}{2} \times 5 =$

63.  $\frac{1}{3} \times 8 =$

#### Bonus:

64.  $3\frac{1}{3} \times 3\frac{1}{2} =$

65.  $2\frac{2}{3} \times 4\frac{1}{2} =$

## Grade 4 Multiplication Worksheet

Find the product.

1.  $8 \times 3 =$  \_\_\_\_\_ 2.  $11 \times 5 =$  \_\_\_\_\_ 3.  $11 \times 7 =$  \_\_\_\_\_

4.  $10 \times 8 =$  \_\_\_\_\_ 5.  $12 \times 8 =$  \_\_\_\_\_ 6.  $8 \times 10 =$  \_\_\_\_\_

7.  $3 \times 9 =$  \_\_\_\_\_ 8.  $12 \times 9 =$  \_\_\_\_\_ 9.  $2 \times 11 =$  \_\_\_\_\_

10.  $10 \times 10 =$  \_\_\_\_\_ 11.  $5 \times 7 =$  \_\_\_\_\_ 12.  $8 \times 9 =$  \_\_\_\_\_

13.  $2 \times 3 =$  \_\_\_\_\_ 14.  $4 \times 8 =$  \_\_\_\_\_ 15.  $11 \times 10 =$  \_\_\_\_\_

16.  $3 \times 7 =$  \_\_\_\_\_ 17.  $5 \times 3 =$  \_\_\_\_\_ 18.  $5 \times 10 =$  \_\_\_\_\_

19.  $7 \times 10 =$  \_\_\_\_\_ 20.  $9 \times 2 =$  \_\_\_\_\_ 21.  $9 \times 9 =$  \_\_\_\_\_

22.  $2 \times 6 =$  \_\_\_\_\_ 23.  $10 \times 2 =$  \_\_\_\_\_ 24.  $8 \times 8 =$  \_\_\_\_\_

25.  $4 \times 5 =$  \_\_\_\_\_ 26.  $11 \times 9 =$  \_\_\_\_\_ 27.  $3 \times 3 =$  \_\_\_\_\_



## Grade 4 Division Worksheet

Find the quotient.

1.  $24 \div 6 =$  \_\_\_\_\_

2.  $16 \div 4 =$  \_\_\_\_\_

3.  $24 \div 3 =$  \_\_\_\_\_

4.  $16 \div 8 =$  \_\_\_\_\_

5.  $2 \div 2 =$  \_\_\_\_\_

6.  $72 \div 9 =$  \_\_\_\_\_

7.  $8 \div 8 =$  \_\_\_\_\_

8.  $20 \div 4 =$  \_\_\_\_\_

9.  $30 \div 5 =$  \_\_\_\_\_

10.  $12 \div 6 =$  \_\_\_\_\_

11.  $18 \div 2 =$  \_\_\_\_\_

12.  $48 \div 8 =$  \_\_\_\_\_

13.  $30 \div 6 =$  \_\_\_\_\_

14.  $10 \div 10 =$  \_\_\_\_\_

15.  $18 \div 6 =$  \_\_\_\_\_

16.  $80 \div 8 =$  \_\_\_\_\_

17.  $30 \div 10 =$  \_\_\_\_\_

18.  $10 \div 5 =$  \_\_\_\_\_

19.  $4 \div 2 =$  \_\_\_\_\_

20.  $6 \div 3 =$  \_\_\_\_\_

21.  $14 \div 7 =$  \_\_\_\_\_

22.  $70 \div 10 =$  \_\_\_\_\_

23.  $4 \div 1 =$  \_\_\_\_\_

24.  $28 \div 4 =$  \_\_\_\_\_

$$\begin{array}{r} 7,429 \\ + 7,682 \\ \hline \end{array}$$

$$\begin{array}{r} 6,586 \\ + 2,756 \\ \hline \end{array}$$

$$\begin{array}{r} 5,626 \\ + 8,477 \\ \hline \end{array}$$

$$\begin{array}{r} 8,291 \\ + 9,671 \\ \hline \end{array}$$

$$\begin{array}{r} 4,449 \\ + 3,946 \\ \hline \end{array}$$

$$\begin{array}{r} 1,517 \\ + 3,996 \\ \hline \end{array}$$

$$\begin{array}{r} 7,545 \\ - 6,013 \\ \hline \end{array}$$

$$\begin{array}{r} 3,888 \\ - 2,595 \\ \hline \end{array}$$

$$\begin{array}{r} 5,225 \\ - 2,710 \\ \hline \end{array}$$

$$\begin{array}{r} 9,549 \\ - 2,152 \\ \hline \end{array}$$

$$\begin{array}{r} 5,342 \\ - 2,252 \\ \hline \end{array}$$

$$\begin{array}{r} 6,963 \\ - 2,225 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 745 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 975 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 880 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 580 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 938 \\ \times 71 \\ \hline \end{array}$$

$$\overline{)3676}$$

$$6 \overline{)6256}$$

$$6 \overline{)7189}$$

$$4 \overline{)7970}$$

$$7 \overline{)7120}$$

$$8 \overline{)9956}$$