



## **Summer Math Reinforcement Packet Students Entering into 5th Grade**

Our fourth graders had a busy year learning new math skills. Mastery of all these skills is extremely important in order to develop a solid math foundation. The fifth grade math program will add onto these fourth grade skills, so any time spent learning or reinforcing these concepts will be very beneficial for your child. Each year builds upon the previous year's skills in math. Any areas your child has difficulty, you may want to give them additional practice. Student mastery of the basic math skills is as important to success in future mathematical procedures and reasoning as learning the alphabet is to reading and writing.

Have your child complete approximately one page per week of the math packet. Please return this completed packet in September to your fifth grade teacher. After your child has completed the math problems, if you feel your child is still struggling on a certain concept and needs further practice, you can visit some of the web sites listed on the next page. You can also make up problems of your own for additional practice.

Enjoy your summer!! Reminder - Practicing multiplication (up to 12) and division facts are VERY important!

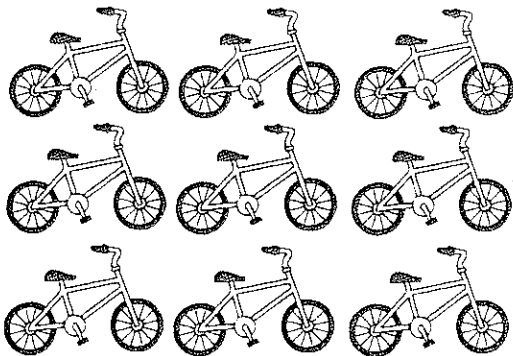
Name \_\_\_\_\_

Mark the best answer.

1. Which has the same value as  $5 \times 7$ ?

- A  $7 + 7 + 7 + 7 + 7$
- B  $5 + 5 + 5 + 5 + 5$
- C  $5 + 7$
- D  $7 + 7 + 7 + 7 + 7 + 5$

2. Each bike has two tires.



If Shannon counted the tires in groups of 2, which list shows numbers she could have named?

- A 12, 14, 17, 20
  - B 8, 12, 16, 21
  - C 15, 17, 20, 22
  - D 12, 14, 16, 18
3. Which number sentence is true?
- A  $2 \div 8 = 4$
  - B  $0 \div 4 = 1$
  - C  $1 \div 2 = 2$
  - D  $0 \div 1 = 0$

4. Which number makes the number sentence true?

$$8 \times .7 = \square \times 8$$

- A 1
  - B 7
  - C 8
  - D 9
5. Jen lived in five different houses growing up. Below are the five numbers of the houses where she lived. If the pattern continues, what are the next three numbers of the houses she will live in?
- 21, 28, 35, 42, 49, , ,
- A 56, 62, 72
  - B 56, 63, 70
  - C 55, 63, 70
  - D 63, 70, 77
6. Darnell has 4 photo albums. Each album has 8 photos. How many photos does Darnell have?
- A 12 photos
  - B 28 photos
  - C 32 photos
  - D 36 photos

7. Which numeral makes both number sentences true?

$$6 \times \square = 42$$

$$42 \div 6 = \square$$

- A 8
  - B 7
  - C 6
  - D 5
8. Which number sentence is in the same fact family as the one below?

$$27 \div 9 = \square$$

- A  $9 \times \square = 27$
  - B  $9 + \square = 27$
  - C  $27 - \square = 9$
  - D  $27 + 9 = \square$
9. The numbers below form a pattern.

2, 4, 8, 16, 32, ...

What is a rule for this pattern?

- A Add 2
- B Subtract 2
- C Multiply by 2
- D Multiply by 4

10. Jamal is playing a number game. He needs to complete the pattern below to win.

1, 1, 2, 1, 1, 2, 1, 1, ...

What are the next three numbers in the pattern?

- A 2, 2, 2,
  - B 2, 1, 2
  - C 2, 1, 1
  - D 1, 1, 1
11. Gina wrote the pattern below in her notebook.

300, 280, 260, 240, 220, ...

What is the next number in Gina's pattern?

- A 200
  - B 210
  - C 220
  - D 240
12. Emily read a 210-page book in 7 days. She read the same number of pages each day. Which number sentence shows how to find the number of pages Emily read each day?

A  $210 + 7 = \square$

B  $210 - 7 = \square$

C  $210 \times 7 = \square$

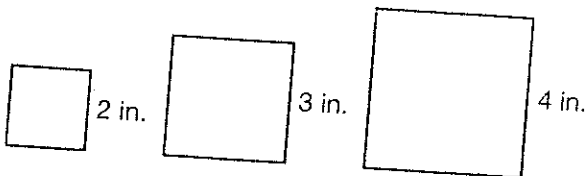
D  $210 \div 7 = \square$

Name \_\_\_\_\_

13. One spider has 8 legs. How many legs do three spiders have? Use the table below to solve.

Number of Spiders	Number of Legs
1	8
2	16
3	
4	32

- A 8  
B 21  
C 24  
D 40
14. Roger is measuring the perimeter around squares of different sizes. If the pattern continues, what will the perimeter around a square with 5-inch sides be?



Length of each side	2	3	4	5
Perimeter	8	12	16	<input type="text"/>

- A 5 inches  
B 10 inches  
C 15 inches  
D 20 inches

15. What is the number below written in standard form?

$$900,000 + 10,000 + 4,000 + 700 + 30$$

- A 9,473  
B 91,473  
C 914,730  
D 9,147,300

16. What is the value of the 5 in 3,156?

- A 5,000  
B 500  
C 50  
D 5

17. Which symbol makes the statement true?

$$1,478 \square 1,492$$

- A  $>$   
B  $<$   
C  $=$   
D  $+$

Name \_\_\_\_\_

18. Which list shows the numbers in order from least to greatest?

A 1,105 1,155 1,205 1,502  
B 1,105 2,205 1,155 1,502  
C 2,205 1,155 1,502 1,105  
D 1,502 2,205 1,155 1,105

19. Jessie read 56 pages in her book on Monday and 89 pages on Tuesday. Jessie used compensation as shown below to find  $56 + 89$ . What is the missing number?

$$56 + 89 = \square + 90 = 145$$

- A 54  
B 55  
C 60  
D 85
20. On Friday, 2,524 shoppers visited a mall. On Saturday, 3,121 shoppers went to the same mall. What is the best way to estimate how many more shoppers were at the mall on Saturday?

A  $3,100 - 2,400 = 700$   
B  $3,130 - 2,520 = 610$   
C  $3,120 - 2,520 = 600$   
D  $3,120 - 2,500 = 620$

21. At the baseball stadium, 10,265 cars can park in the parking lot. At the football stadium, 12,898 cars can park. How many cars can park in all?

A 22,053  
B 22,163  
C 22,153  
D 23,163

22. Jerry had 1,272 baseball cards. He donated 685 of them to a children's hospital. How many baseball cards does he have left?

A 587 baseball cards  
B 613 baseball cards  
C 693 baseball cards  
D 1,487 baseball cards

23. The Anderson family drove 2,060 miles on a trip to Omaha, Nebraska. The next year, they drove 1,787 miles on a trip to Louisville, Kentucky. How many more miles did they drive on their Omaha trip?

A 273 miles      C 373 miles  
B 283 miles      D 1,283 miles

24. What is 1,760 rounded to the nearest thousand?

A 2,000      C 1,500  
B 1,800      D 1,000

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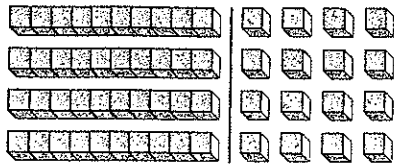
Mark the best answer.

1. What is the product of  $3 \times 10$ ?



- A 300  
B 33  
C 30  
D 3
2. Which expression shows breaking apart to find  $4 \times 36$ ?
- A  $(4 \times 300) + (4 \times 6)$   
B  $(4 \times 40) + (4 \times 4)$   
C  $(4 \times 35) + (4 \times 5)$   
D  $(4 \times 30) + (4 \times 6)$
3. To find the product of  $7 \times 62$  using compensation, Kerry first multiplied  $7 \times 60 = 420$ . What should Kerry do next?
- A  $420 + 7 = 427$   
B  $420 - 7 = 413$   
C  $420 + 14 = 434$   
D  $420 - 14 = 406$
4. Tara teaches 4 classes, each with 29 students. What is a reasonable estimate of the total number of students in Tara's 4 classes?
- A 300  
B 120  
C 30  
D 12
5. A ream of paper has 500 sheets. How many sheets are in 5 reams of paper?
- A 1,000  
B 2,500  
C 5,000  
D 5,500
6. Mr. Sanchez gives 5 tours of the Grand Canyon each day. If there are 18 people in every tour group, how many people will Mr. Sanchez guide in one day?
- A 23  
B 80  
C 85  
D 90

7. Look at the array and calculation below.



What calculation was used to give the partial product 40?

- A  $2 \times 20$   
 B  $4 \times 4$   
 C  $4 \times 10$   
 D  $14 \times 10$
8. A student made 8 round trips traveling to and from college. If each round trip was 214 miles, about how many miles did the student drive in all?
- A 200  
 B 400  
 C 2,000  
 D 4,000
9. A horse weighs 1,097 pounds. A white rhino weighs 4 times as much as the horse. How much does the rhino weigh?
- A 4,388 pounds  
 B 4,088 pounds  
 C 3,048 pounds  
 D 1,388 pounds

10. In one week, 678 cars are washed at City Car Wash. If the same number of cars are washed each week, how many cars are washed in 5 weeks?

- A 3,390  
 B 3,040  
 C 2,800  
 D 2,678

11. To find  $40 \times 600$ , Maria first found  $4 \times 6 = 24$ . How many zeros should Maria include in the product?

- A 1  
 B 2  
 C 3  
 D 4

12. Cara filled 28 pages in a photo album. If she put 4 pictures on each page, how many pictures are in the album?

- A 32 pictures  
 B 56 pictures  
 C 112 pictures  
 D 220 pictures

Name \_\_\_\_\_

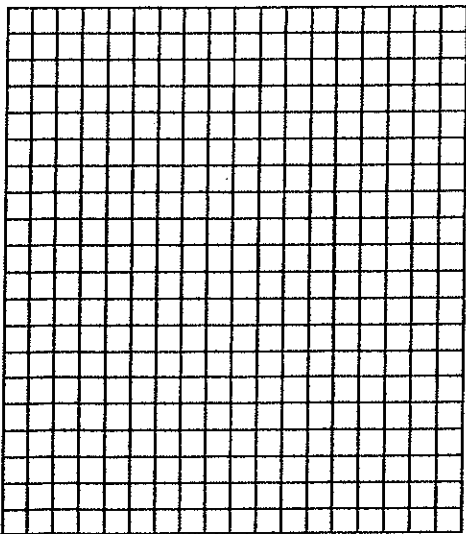
13. The cafeteria sold 45 salads, 28 cheese sandwiches, and 4 times as many ham sandwiches as cheese sandwiches. How many sandwiches were sold?

- A 185
- B 140
- C 112
- D 73

14. There are 13 girls on Janelle's soccer team. Uniforms cost \$32 each. Which equation uses estimation correctly to show about how much money the team spent?

- A  $5 \times \$35 = \$175$
- B  $10 \times \$30 = \$300$
- C  $20 \times \$30 = \$600$
- D  $20 \times \$32 = \$640$

15. Use the grid below to find the product of  $20 \times 18$ .



- A 320
- B 340
- C 360
- D 380

16. Mark's football team has scored about 23 points each game. They played 12 games this season. What is the best estimate for the total number of points they scored in the season?

- A 350
- B 230
- C 100
- D 23

17. Tony can make 40 meatballs with one package of meat. If he uses 10 packages, how many meatballs can he make?

- A 100
- B 400
- C 500
- D 1,000

18. Ms. Jones drinks 10 glasses of water every day. How many glasses of water will she drink in 30 days?

- A 10
- B 100
- C 300
- D 400

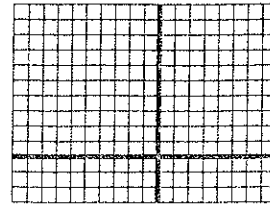


19. Which number is missing from the table?

	10	5
30	300	
7	70	35

- A 150  
 B 185  
 C 350  
 D 490
20. Mr. Sun's students are using part of their field trip fund to see a play. The tickets cost \$12 each. If 23 students go, how much will the class spend on tickets?
- A \$216  
 B \$230  
 C \$253  
 D \$276
21. Raul's dad bakes bread 5 days a week. If he bakes 85 loaves each day, how many loaves of bread will his dad bake in two 5-day work weeks?
- A 850  
 B 595  
 C 425  
 D 400

22. Ani used the array to find the product of  $13 \times 18$ .



- Which partial products should Ani add to find the product?
- A  $1 + 1 + 3 + 8$   
 B  $3 + 8 + 10 + 10$   
 C  $24 + 30 + 30 + 60$   
 D  $24 + 30 + 80 + 100$
23. For a special recycling project, 20 classes worked to collect 61 pounds of newspaper each. How many total pounds of newspaper were collected?
- A 8,100  
 B 1,220  
 C 810  
 D 122
24. Judy has 12 books of stamps. There are 20 stamps in each book. How many stamps does Judy have?
- A 120  
 B 140  
 C 240  
 D 260

Name \_\_\_\_\_

Mark the best answer.

1. Luisa has 417 beans. She has 7 jars in which to store the beans. How can she use estimation to find about how many beans to put in each jar?

- A Round the number of jars to 10
- B Round the number of beans to 410
- C Round the number of beans to 415
- D Round the number of beans to 420

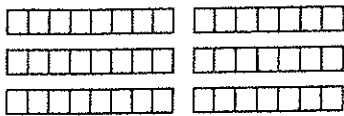
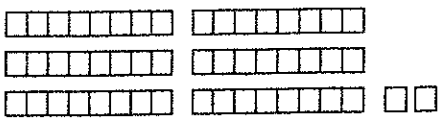
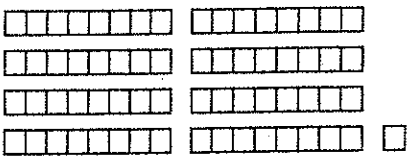
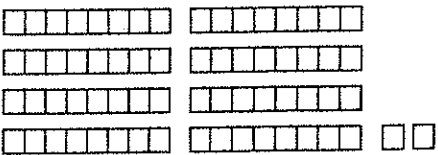
2. A total of 150 students are in the fourth grade at Mockingbird School. There are 5 classes, each with the same number of students. What basic fact can you use to help solve the problem?

- A  $15 \times 5 = 75$
- B  $15 \div 5 = 3$
- C  $15 - 5 = 10$
- D  $15 + 5 = 20$

3. Ms. Mitchell uses 186 tubes of paint to make supply packs for her art class. She puts 8 tubes in each pack. How many supply packs will she make, and how many tubes of paint will be left over?

- A 20 packs, 6 left over
- B 22 packs, 3 left over
- C 23 packs, 1 left over
- D 23 packs, 2 left over

4. Maria bought 50 tulip bulbs. She planted the bulbs in rows with 8 bulbs in each row. Which model shows both the correct number of rows and left over bulbs?

- A 
- B 
- C 
- D 

5. Jose has 396 trading cards. If he puts the cards into 8 albums, estimate how many cards he will have in each album.

- A About 30 cards
- B About 45 cards
- C About 50 cards
- D About 55 cards

6. Jason counted 284 marbles in a bag. If each bag contains the same number of marbles, how many marbles would be in 6 bags?

- A 1,684
- B 1,704
- C 1,884
- D 1,948

7. Nikki has 96 sequins to sew on a flag. She wants to sew them in 6 rows. How many sequins should she sew in each row?

- A 16 sequins
- B 20 sequins
- C 90 sequins
- D 120 sequins

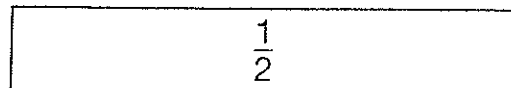
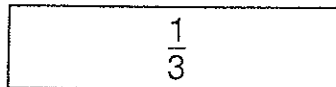
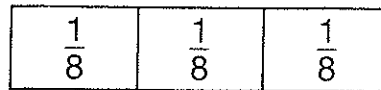
8. Miguel's scout division raised money for a camping trip. They earned a total of \$1,498 at 7 bake sales. They earned the same amount at each sale. How much money did they make at the first sale?

- A \$214
- B \$208
- C \$176
- D \$112

9. Joey used 154 craft sticks to make puppets. He used one pair of craft sticks for each puppet. How many puppets did Joey make?

- A 77 puppets
- B 154 puppets
- C 308 puppets
- D Not here

10. Which list shows the fractions below in order from least to greatest?



- A  $\frac{1}{3}, \frac{1}{2}, \frac{3}{8}$
- B  $\frac{1}{3}, \frac{3}{8}, \frac{1}{2}$
- C  $\frac{1}{2}, \frac{3}{8}, \frac{1}{3}$
- D  $\frac{3}{8}, \frac{1}{3}, \frac{1}{2}$

11. Which list shows all the factors of 38?

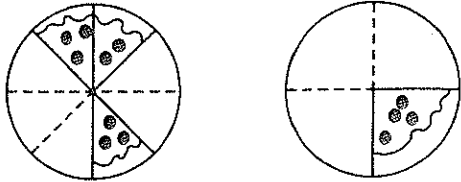
- A 1, 38
- B 1, 2, 38
- C 1, 2, 16, 38
- D 1, 2, 19, 38

12. Which 2 fractions are examples of equivalent fractions?

- A  $\frac{2}{8}, \frac{1}{4}$
- B  $\frac{3}{16}, \frac{1}{4}$
- C  $\frac{5}{12}, \frac{1}{3}$
- D  $\frac{7}{16}, \frac{3}{4}$

Name \_\_\_\_\_

13. The 2 plates of pizza below show what was left after the Chavez family finished dinner.



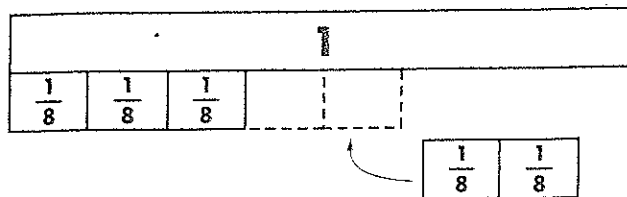
Which of the following compares the portion of pizza left on each plate?

- A  $\frac{3}{8} > \frac{1}{4}$   
 B  $\frac{3}{8} < \frac{1}{4}$   
 C  $\frac{3}{8} = \frac{1}{4}$   
 D  $\frac{3}{4} > \frac{5}{8}$
14. What generalization can be made about all multiples of 4?
- A They are all odd  
 B They are all multiples of 2  
 C They are all factors of 5  
 D They are both even and odd
15. Where would the first digit of the quotient be placed in the division problem below?

$$8 \overline{)592}$$

- A Above the 9  
 B Above the 5  
 C Above the 8  
 D Above the 2

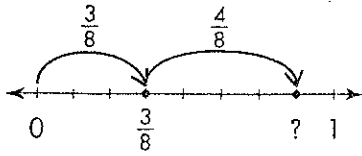
16. Use the model below. What is the sum of  $\frac{3}{8}$  and  $\frac{2}{8}$ ?



- A  $\frac{2}{8}$   
 B  $\frac{3}{8}$   
 C  $\frac{5}{8}$   
 D  $\frac{7}{8}$
17. Monday night Tyrell spent  $\frac{2}{6}$  hour on his homework and Eva spent  $\frac{5}{6}$  hour on her homework. How much more time did Eva spend on homework than Tyrell?
- A  $\frac{3}{6}$  hour  
 B  $\frac{2}{6}$  hour  
 C  $\frac{1}{6}$  hour  
 D  $1\frac{1}{6}$  hours
18. What is the sum of  $\frac{7}{12} + \frac{3}{12}$ ?

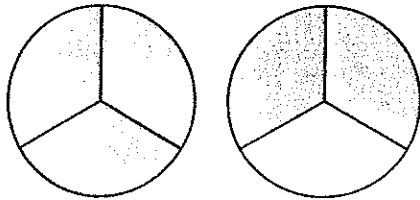
- A  $\frac{11}{12}$   
 B  $\frac{10}{12}$   
 C  $\frac{9}{12}$   
 D  $\frac{8}{12}$

19. The number line shows which of the following equations?



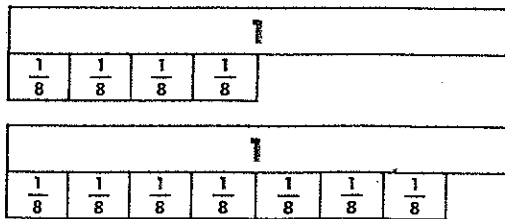
- A  $\frac{4}{4} - \frac{3}{4} = \frac{1}{4}$   
 B  $\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$   
 C  $\frac{1}{8} + \frac{4}{8} = \frac{5}{8}$   
 D  $\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$

20. Ken ate  $\frac{5}{3}$  containers of yogurt. What is  $\frac{5}{3}$  expressed as a mixed number?



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

21. Mike needs  $1\frac{4}{8}$  cups of flour to make a cake and  $1\frac{7}{8}$  cups of flour to make a piecrust. How much flour does Mike need to bake the cake and piecrust? Use the model to find the sum.



- A  $1\frac{3}{8}$  cups  
 B 2 cups  
 C  $2\frac{8}{10}$  cups  
 D  $3\frac{3}{8}$  cups

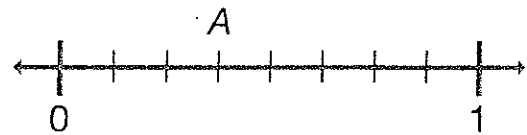
22. What is the difference of  $2\frac{3}{8} - 1\frac{7}{8}$ ?

- A  $\frac{1}{8}$   
 B  $\frac{3}{8}$   
 C  $\frac{1}{2}$   
 D  $1\frac{1}{2}$

23. Which of the following is another way to show  $\frac{7}{10}$ ?

- A  $\frac{3}{10} + \frac{2}{10} + \frac{1}{10} + \frac{1}{10}$   
 B  $\frac{3}{5} + \frac{4}{5}$   
 C  $\frac{7}{10} + \frac{1}{10}$   
 D  $\frac{3}{10} + \frac{3}{10} + \frac{3}{10}$

24. Jan drew the number line below.



Which of the following is equivalent to Point A?

- A  $\frac{3}{10}$   
 B  $\frac{1}{2}$   
 C  $\frac{4}{8}$   
 D  $\frac{3}{8}$

Name \_\_\_\_\_

Mark the best answer.

1. What is the best estimate of how much an apple weighs?

- A About 1 ounce
- B About 6 ounces
- C About 1 pound
- D About 5 tons

2. Larry measures an object's mass in grams. Which of the following objects is he most likely measuring?

- A A frog
- B A watermelon
- C A surfboard
- D A horse

3. Lara's bed is 5 feet long. How many inches long is the bed?

- A 1 yard
- B 48 inches
- C 60 inches
- D 72 inches

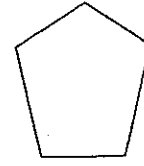
4. In 2007, Oklahoma celebrated its 100<sup>th</sup> birthday. How many months are in 100 years?

- A 600 months
- B 1,200 months
- C 1,800 months
- D 2,400 months

5. Which figure below has two lines of symmetry?



Octagon



Pentagon



Rectangle

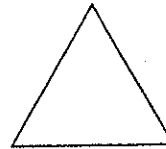


Triangle

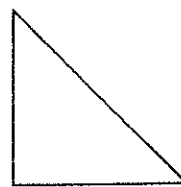
- A Octagon
- B Pentagon
- C Rectangle
- D Triangle

6. Diego made an example of an equilateral triangle. Which triangle could be Diego's drawing?

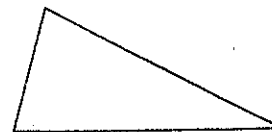
A



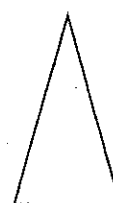
B



C



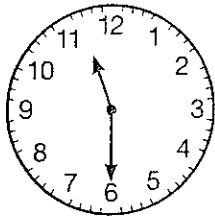
D



7. Which measure is equal to 3 liters?

- A 3 mL
- B 30 mL
- C 300 mL
- D 3,000 mL

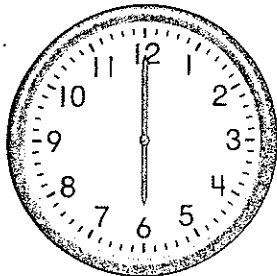
8. Look at the clock below.



What kind of angle do the hands form?

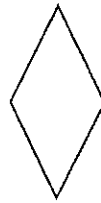
- A Acute
- B Right
- C Obtuse
- D Straight

9. What is the measure of the angle formed by the hands of the clock?



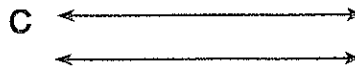
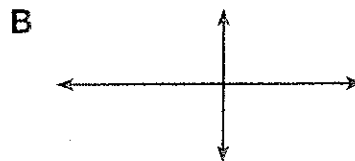
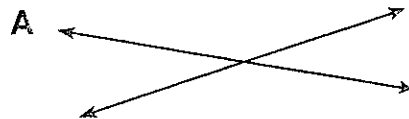
- A 45°
- B 90°
- C 180°
- D 360°

10. What are all the names that could be used for the shape below?



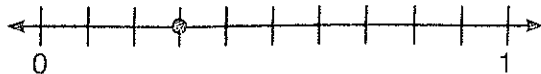
- A Quadrilateral, parallelogram
- B Quadrilateral, trapezoid, rectangle
- C Quadrilateral, parallelogram, rhombus
- D Quadrilateral, parallelogram, square

11. Thomas drew a pair of perpendicular lines. Which of the following could be his drawing?



Name \_\_\_\_\_

12. Look at the number line below.



What decimal and fraction are shown by the point marked on the number line?

- A  $0.1, \frac{1}{10}$   
B  $0.3, \frac{3}{10}$   
C  $0.3, \frac{1}{3}$   
D  $0.5, \frac{1}{2}$
13. Remy wanted to measure the angle of the slide in the playground. He used a piece of folded paper that was  $10^\circ$ . He measured that 3 of the folded paper angles would fit in the angle made by the slide. What was the angle of the slide?
- A  $75^\circ$   
B  $60^\circ$   
C  $45^\circ$   
D  $30^\circ$
14. A packet of spices contains 0.52 ounces of garlic powder, 0.36 ounces of salt, 0.6 ounces of red pepper flakes, and 0.25 ounces of oregano. Which spice does the packet have the most of?
- A Garlic powder  
B Salt  
C Red pepper flakes  
D Oregano

15. What is the correct way to represent 2 dollars + 5 dimes + 8 pennies using a dollar sign and decimal point?

- A \$0.258  
B \$2.58  
C \$2.85  
D \$8.52

16. Which of the following shows  $\frac{3}{8}$  as a multiple of a unit fraction?

- A  $3 \times 8$   
B  $\frac{3}{8} + \frac{1}{8}$   
C  $\frac{3}{8} \times \frac{1}{8}$   
D  $3 \times \frac{1}{8}$

17. Joy jogs  $\frac{1}{2}$  mile 3 times a week. How far does Joy jog in one week?

- A  $3\frac{1}{2}$  miles  
B  $1\frac{1}{2}$  miles  
C  $\frac{2}{3}$  mile  
D  $\frac{1}{6}$  mile

18. Find  $7 \times \frac{1}{3}$ .

- A  $\frac{1}{21}$   
B  $\frac{3}{7}$   
C  $2\frac{1}{3}$   
D  $7\frac{1}{3}$

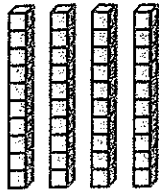




Name \_\_\_\_\_

Mark the best answer.

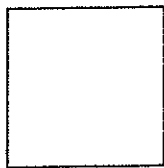
1. During the 2008 Summer Olympics in Beijing, Poland won 10 medals. France won 4 times as many medals as Poland.



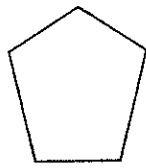
How many medals did France win?

- A 14
- B 40
- C 44
- D 400

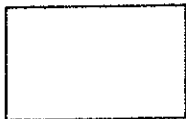
2. Which shape below has only 1 line of symmetry?



Square



Pentagon



Rectangle



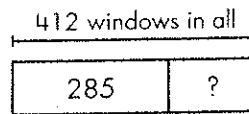
Triangle

- A Square
- B Pentagon
- C Rectangle
- D Triangle

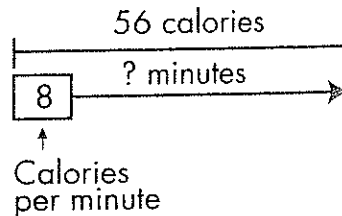
3. What is the difference of  $\frac{4}{8} - \frac{3}{8}$ ?

- A  $\frac{7}{8}$
- B  $\frac{7}{16}$
- C  $\frac{12}{16}$
- D  $\frac{1}{8}$

4. A skyscraper has 412 windows. A window washer cleaned 285. How can he find the number of windows left to clean?



- A Multiply 412 by 16.
  - B Multiply 285 by 412.
  - C Subtract 285 from 412.
  - D Add 412 to 285.
5. Nadia burned 56 calories practicing martial arts. She burned 8 calories each minute.



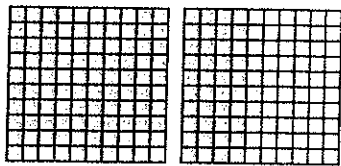
Which number sentence can be used to find how many minutes Nadia practiced martial arts?

- A  $56 \div 8 = \square$
- B  $56 - 8 = \square$
- C  $56 + 8 = \square$
- D  $56 \times 8 = \square$

6. The American flag has 50 white stars and 13 red and white stripes. In a parade, 17 people are waving small American flags as they march by. How many stars are on the flags in all?

- A 221
- B 650
- C 850
- D 945

7. What decimal is shown in the grid below?



- A 2.47
- B 1.74
- C 1.47
- D 1.04

8. Lawrence spent \$310 on 5 equally-priced model trains. Which number sentence shows the amount he spent for each train?

- A  $\$300 \div 5 = \$60$
- B  $\$310 \div 5 = \$62$
- C  $5 \times \$310 = \$1,860$
- D  $5 \times \$300 = \$1,500$

9. Kevin measured that it was 45 feet from the door of his classroom to the principal's office. What is that distance in yards?

- A 3 yards
- B 15 yards
- C 42 yards
- D 135 yards

10. Andy jumped 1.2 meters in a track contest. Which point on the number line below represents the number 1.2?



- A R
- B S
- C T
- D U

11. Kelly's class collected 3,129 pennies in 7 months. If they collected the same number of pennies each month, how many pennies did they collect in one month?

- A 304 R1
- B 407
- C 432 R5
- D 447

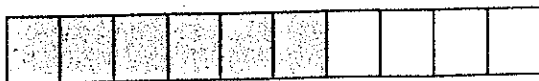
Name \_\_\_\_\_

12. Wanda painted  $\frac{2}{8}$  of a poster. Which number should go in the box to make another fraction that is equivalent to  $\frac{2}{8}$ ?

$$\frac{2}{8} = \frac{1}{\square}$$

- A 2  
B 4  
C 6  
D 16
13. The Singapore Flyer, in China, is one of the world's largest Ferris wheels. There are 28 cars on the Ferris wheel and each car can hold 28 passengers. About how many passengers can ride the Ferris wheel at one time?
- A 60  
B 400  
C 625  
D 900

14. Which fraction is **NOT** equivalent to the shaded area of the rectangle?



- A  $\frac{1}{2}$   
B  $\frac{3}{5}$   
C  $\frac{6}{10}$   
D  $\frac{60}{100}$

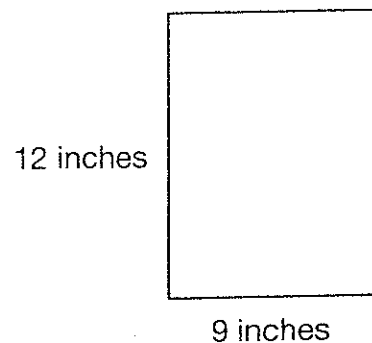
15. Which of the following has a 2 in the hundredths place?

- A 16.29  
B 18.32  
C 22.83  
D 539.2

16. A helicopter landing pad measures 11 meters wide and 15 meters long. What is the perimeter of the pad?

- A 26 meters  
B 52 meters  
C 165 meters  
D 2,475 meters

17. Norma measured the length and width of the placemat shown.



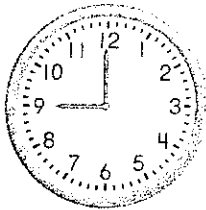
What is the area of the rectangular placemat?

- A 21 square inches  
B 42 square inches  
C 98 square inches  
D 108 square inches

18. The food pantry sets a goal of collecting 40 cans of food each day in November. There are 30 days in November. If the food pantry reaches its goal, how many cans of food will be collected during November?

- A 120
- B 1,200
- C 1,240
- D 12,000

19. Jorge saw that the clock hands formed an angle.



Which angle measure best describes the angle formed by the clock hands?

- A About  $45^\circ$
- B About  $90^\circ$
- C About  $180^\circ$
- D About  $360^\circ$

20. What is  $1\frac{3}{5} - \frac{4}{5}$ ?

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

21. Peter wrote the following numbers in a row.

9, 16, 23, 30

If the pattern continues, what three numbers will come next?

- A 36, 42, 48
- B 37, 44, 51
- C 37, 42, 49
- D 42, 54, 66

22. Kylie has 4 shelves. Each shelf displays 7 trophies. Which number sentence shows how many trophies are displayed in the case?

- A  $4 \times 7 = 28$
- B  $4 \times 3 = 12$
- C  $7 - 4 = 3$
- D  $7 + 3 = 10$

23. A family membership at a museum costs \$85 per year. What is the total cost of 29 family memberships?

- A \$885
- B \$935
- C \$2,325
- D \$2,465

Name \_\_\_\_\_

Give each answer.

- |                     |                      |                      |
|---------------------|----------------------|----------------------|
| 1. $5 + 6 =$ _____  | 18. $1 + 9 =$ _____  | 35. $6 - 5 =$ _____  |
| 2. $8 + 8 =$ _____  | 19. $5 + 9 =$ _____  | 36. $8 - 7 =$ _____  |
| 3. $6 + 1 =$ _____  | 20. $6 + 8 =$ _____  | 37. $15 - 8 =$ _____ |
| 4. $8 + 2 =$ _____  | 21. $2 + 7 =$ _____  | 38. $8 - 6 =$ _____  |
| 5. $4 + 3 =$ _____  | 22. $5 + 5 =$ _____  | 39. $8 - 1 =$ _____  |
| 6. $2 + 9 =$ _____  | 23. $2 + 6 =$ _____  | 40. $9 - 3 =$ _____  |
| 7. $7 + 9 =$ _____  | 24. $9 + 6 =$ _____  | 41. $2 - 1 =$ _____  |
| 8. $4 + 9 =$ _____  | 25. $4 + 6 =$ _____  | 42. $7 - 7 =$ _____  |
| 9. $6 + 6 =$ _____  | 26. $6 - 2 =$ _____  | 43. $11 - 6 =$ _____ |
| 10. $5 + 4 =$ _____ | 27. $11 - 9 =$ _____ | 44. $7 - 2 =$ _____  |
| 11. $2 + 8 =$ _____ | 28. $9 - 6 =$ _____  | 45. $5 - 4 =$ _____  |
| 12. $7 + 3 =$ _____ | 29. $7 - 4 =$ _____  | 46. $12 - 8 =$ _____ |
| 13. $8 + 3 =$ _____ | 30. $8 - 5 =$ _____  | 47. $14 - 9 =$ _____ |
| 14. $4 + 8 =$ _____ | 31. $6 - 4 =$ _____  | 48. $13 - 5 =$ _____ |
| 15. $9 + 9 =$ _____ | 32. $10 - 3 =$ _____ | 49. $11 - 4 =$ _____ |
| 16. $3 + 9 =$ _____ | 33. $8 - 8 =$ _____  | 50. $10 - 7 =$ _____ |
| 17. $7 + 7 =$ _____ | 34. $18 - 9 =$ _____ |                      |

Name \_\_\_\_\_

Give each answer.

1.  $9 - 4 = \underline{\quad}$

2.  $7 + 2 = \underline{\quad}$

3.  $6 - 6 = \underline{\quad}$

4.  $2 + 1 = \underline{\quad}$

5.  $5 - 3 = \underline{\quad}$

6.  $9 - 7 = \underline{\quad}$

7.  $5 - 4 = \underline{\quad}$

8.  $4 - 4 = \underline{\quad}$

9.  $8 + 8 = \underline{\quad}$

10.  $6 + 3 = \underline{\quad}$

11.  $7 - 6 = \underline{\quad}$

12.  $6 + 5 = \underline{\quad}$

13.  $8 - 4 = \underline{\quad}$

14.  $7 + 4 = \underline{\quad}$

15.  $13 - 7 = \underline{\quad}$

16.  $15 - 6 = \underline{\quad}$

17.  $8 + 9 = \underline{\quad}$

18.  $10 - 5 = \underline{\quad}$

19.  $7 + 6 = \underline{\quad}$

20.  $11 - 8 = \underline{\quad}$

21.  $9 + 4 = \underline{\quad}$

22.  $3 + 8 = \underline{\quad}$

23.  $11 - 5 = \underline{\quad}$

24.  $10 - 1 = \underline{\quad}$

25.  $6 + 2 = \underline{\quad}$

26.  $9 + 2 = \underline{\quad}$

27.  $8 + 6 = \underline{\quad}$

28.  $2 + 9 = \underline{\quad}$

29.  $5 + 5 = \underline{\quad}$

30.  $4 + 7 = \underline{\quad}$

31.  $9 - 2 = \underline{\quad}$

32.  $9 + 8 = \underline{\quad}$

33.  $11 - 6 = \underline{\quad}$

34.  $6 + 9 = \underline{\quad}$

35.  $1 + 8 = \underline{\quad}$

36.  $16 - 8 = \underline{\quad}$

37.  $6 + 8 = \underline{\quad}$

38.  $2 + 3 = \underline{\quad}$

39.  $3 - 1 = \underline{\quad}$

40.  $4 + 5 = \underline{\quad}$

41.  $10 - 3 = \underline{\quad}$

42.  $15 - 9 = \underline{\quad}$

43.  $1 + 7 = \underline{\quad}$

44.  $12 - 9 = \underline{\quad}$

45.  $3 + 3 = \underline{\quad}$

46.  $13 - 8 = \underline{\quad}$

47.  $17 - 9 = \underline{\quad}$

48.  $9 + 6 = \underline{\quad}$

49.  $6 + 7 = \underline{\quad}$

50.  $9 + 5 = \underline{\quad}$

Name \_\_\_\_\_

Give each answer.

1.  $3 \times 4 =$  \_\_\_\_\_
2.  $9 \times 4 =$  \_\_\_\_\_
3.  $7 \times 6 =$  \_\_\_\_\_
4.  $4 \times 2 =$  \_\_\_\_\_
5.  $8 \times 4 =$  \_\_\_\_\_
6.  $6 \times 1 =$  \_\_\_\_\_
7.  $3 \times 9 =$  \_\_\_\_\_
8.  $8 \times 9 =$  \_\_\_\_\_
9.  $6 \times 9 =$  \_\_\_\_\_
10.  $8 \times 7 =$  \_\_\_\_\_
11.  $4 \times 6 =$  \_\_\_\_\_
12.  $3 \times 5 =$  \_\_\_\_\_
13.  $2 \times 3 =$  \_\_\_\_\_
14.  $2 \times 7 =$  \_\_\_\_\_
15.  $7 \times 5 =$  \_\_\_\_\_
16.  $7 \times 1 =$  \_\_\_\_\_
17.  $1 \times 0 =$  \_\_\_\_\_
18.  $2 \times 9 =$  \_\_\_\_\_
19.  $7 \times 4 =$  \_\_\_\_\_
20.  $9 \times 3 =$  \_\_\_\_\_
21.  $8 \times 8 =$  \_\_\_\_\_
22.  $6 \times 2 =$  \_\_\_\_\_
23.  $3 \times 3 =$  \_\_\_\_\_
24.  $9 \times 6 =$  \_\_\_\_\_
25.  $1 \times 3 =$  \_\_\_\_\_
26.  $9 \times 8 =$  \_\_\_\_\_
27.  $5 \times 5 =$  \_\_\_\_\_
28.  $8 \times 5 =$  \_\_\_\_\_
29.  $2 \times 6 =$  \_\_\_\_\_
30.  $2 \times 2 =$  \_\_\_\_\_
31.  $4 \times 7 =$  \_\_\_\_\_
32.  $6 \times 7 =$  \_\_\_\_\_
33.  $3 \times 6 =$  \_\_\_\_\_
34.  $5 \times 9 =$  \_\_\_\_\_
35.  $3 \times 8 =$  \_\_\_\_\_
36.  $8 \times 6 =$  \_\_\_\_\_
37.  $7 \times 2 =$  \_\_\_\_\_
38.  $6 \times 8 =$  \_\_\_\_\_
39.  $5 \times 7 =$  \_\_\_\_\_
40.  $7 \times 3 =$  \_\_\_\_\_
41.  $6 \times 6 =$  \_\_\_\_\_
42.  $6 \times 5 =$  \_\_\_\_\_
43.  $4 \times 4 =$  \_\_\_\_\_
44.  $0 \times 2 =$  \_\_\_\_\_
45.  $5 \times 4 =$  \_\_\_\_\_
46.  $4 \times 9 =$  \_\_\_\_\_
47.  $8 \times 3 =$  \_\_\_\_\_
48.  $7 \times 9 =$  \_\_\_\_\_
49.  $0 \times 4 =$  \_\_\_\_\_
50.  $3 \times 7 =$  \_\_\_\_\_



Name \_\_\_\_\_

Give each answer.

- |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| 1. $16 \div 2 =$ _____  | 18. $16 \div 4 =$ _____ | 35. $18 \div 6 =$ _____ |
| 2. $18 \div 2 =$ _____  | 19. $45 \div 9 =$ _____ | 36. $12 \div 4 =$ _____ |
| 3. $12 \div 2 =$ _____  | 20. $24 \div 8 =$ _____ | 37. $18 \div 9 =$ _____ |
| 4. $25 \div 5 =$ _____  | 21. $63 \div 9 =$ _____ | 38. $30 \div 5 =$ _____ |
| 5. $24 \div 3 =$ _____  | 22. $56 \div 7 =$ _____ | 39. $9 \div 3 =$ _____  |
| 6. $49 \div 7 =$ _____  | 23. $24 \div 6 =$ _____ | 40. $32 \div 4 =$ _____ |
| 7. $28 \div 4 =$ _____  | 24. $40 \div 8 =$ _____ | 41. $45 \div 5 =$ _____ |
| 8. $54 \div 6 =$ _____  | 25. $30 \div 6 =$ _____ | 42. $16 \div 8 =$ _____ |
| 9. $10 \div 2 =$ _____  | 26. $42 \div 6 =$ _____ | 43. $28 \div 7 =$ _____ |
| 10. $36 \div 9 =$ _____ | 27. $15 \div 3 =$ _____ | 44. $36 \div 4 =$ _____ |
| 11. $27 \div 3 =$ _____ | 28. $81 \div 9 =$ _____ | 45. $7 \div 7 =$ _____  |
| 12. $40 \div 8 =$ _____ | 29. $15 \div 5 =$ _____ | 46. $20 \div 5 =$ _____ |
| 13. $35 \div 5 =$ _____ | 30. $54 \div 9 =$ _____ | 47. $10 \div 5 =$ _____ |
| 14. $4 \div 2 =$ _____  | 31. $6 \div 3 =$ _____  | 48. $32 \div 8 =$ _____ |
| 15. $6 \div 1 =$ _____  | 32. $0 \div 2 =$ _____  | 49. $42 \div 7 =$ _____ |
| 16. $12 \div 6 =$ _____ | 33. $48 \div 8 =$ _____ | 50. $64 \div 8 =$ _____ |
| 17. $72 \div 8 =$ _____ | 34. $35 \div 7 =$ _____ |                         |

Name \_\_\_\_\_

Give each answer.

1.  $5 \times 6 =$  \_\_\_\_\_
2.  $4 \times 8 =$  \_\_\_\_\_
3.  $9 \times 1 =$  \_\_\_\_\_
4.  $7 \times 8 =$  \_\_\_\_\_
5.  $3 \times 9 =$  \_\_\_\_\_
6.  $7 \times 3 =$  \_\_\_\_\_
7.  $9 \times 9 =$  \_\_\_\_\_
8.  $2 \times 8 =$  \_\_\_\_\_
9.  $9 \times 5 =$  \_\_\_\_\_
10.  $5 \times 8 =$  \_\_\_\_\_
11.  $1 \times 9 =$  \_\_\_\_\_
12.  $9 \times 7 =$  \_\_\_\_\_
13.  $3 \times 5 =$  \_\_\_\_\_
14.  $8 \times 8 =$  \_\_\_\_\_
15.  $7 \times 6 =$  \_\_\_\_\_
16.  $8 \times 3 =$  \_\_\_\_\_
17.  $2 \times 2 =$  \_\_\_\_\_
18.  $4 \times 7 =$  \_\_\_\_\_
19.  $6 \times 9 =$  \_\_\_\_\_
20.  $4 \times 3 =$  \_\_\_\_\_
21.  $4 \times 5 =$  \_\_\_\_\_
22.  $7 \times 5 =$  \_\_\_\_\_
23.  $5 \times 1 =$  \_\_\_\_\_
24.  $7 \times 7 =$  \_\_\_\_\_
25.  $6 \times 4 =$  \_\_\_\_\_
26.  $16 \div 2 =$  \_\_\_\_\_
27.  $8 \div 2 =$  \_\_\_\_\_
28.  $20 \div 4 =$  \_\_\_\_\_
29.  $4 \div 4 =$  \_\_\_\_\_
30.  $14 \div 2 =$  \_\_\_\_\_
31.  $10 \div 5 =$  \_\_\_\_\_
32.  $18 \div 3 =$  \_\_\_\_\_
33.  $14 \div 7 =$  \_\_\_\_\_
34.  $6 \div 2 =$  \_\_\_\_\_
35.  $9 \div 3 =$  \_\_\_\_\_
36.  $8 \div 1 =$  \_\_\_\_\_
37.  $5 \div 5 =$  \_\_\_\_\_
38.  $35 \div 5 =$  \_\_\_\_\_
39.  $24 \div 6 =$  \_\_\_\_\_
40.  $21 \div 3 =$  \_\_\_\_\_
41.  $27 \div 9 =$  \_\_\_\_\_
42.  $56 \div 8 =$  \_\_\_\_\_
43.  $30 \div 6 =$  \_\_\_\_\_
44.  $8 \div 4 =$  \_\_\_\_\_
45.  $10 \div 2 =$  \_\_\_\_\_
46.  $16 \div 8 =$  \_\_\_\_\_
47.  $12 \div 3 =$  \_\_\_\_\_
48.  $42 \div 7 =$  \_\_\_\_\_
49.  $45 \div 9 =$  \_\_\_\_\_
50.  $18 \div 2 =$  \_\_\_\_\_