



Dear Incoming 4th grade parents,

I would like to take this opportunity to introduce myself. My name is Mrs. Bentivegna. I will be your child's 4th grade teacher next year. I am so excited and looking forward to a great year.

The third graders had a busy year learning new math skills. Mastery of these skills is extremely important in order to develop a strong math foundation. The fourth grade math program will add on to these third grade skills, so any time spent learning or reinforcing these concepts will be very beneficial to your child. Each year builds upon the previous year's skills in math.

Attached is a math packet that your child will need to complete over the summer. It will be due on the first day of school. 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.

I look forward to seeing you all in September! I hope you have a wonderful and safe summer!

Sincerely,
Mrs. Bentivegna

Choose the correct answer.

1. Clara looked at the clock on her way to band practice.



What time is shown on Clara's clock?

- A** thirteen minutes before three
B thirteen minutes after three
C thirteen minutes before four
D three forty-five
2. Omar started his math homework at 4:20 P.M. and finished his math homework at 4:44 P.M. For how long did Omar do his math homework?
- A** 14 minutes **C** 26 minutes
B 24 minutes **D** 34 minutes
3. Mrs. Crocker fills a container with 17 liters of water. She then fills another container with 24 liters of water. What is the total liquid volume of the containers?
- A** 7 liters **C** 38 liters
B 31 liters **D** 41 liters

4. Travis uses an inch ruler to measure a ribbon.



What is the length of the ribbon to the nearest fourth inch?

- A** $1\frac{1}{2}$ inches
B $1\frac{1}{4}$ inches
C 1 inch
D $\frac{1}{4}$ inch
5. The pep club sells water bottles during the school football games. The pep club sold 146 bottles during last Friday's game and 231 water bottles during this Friday's game. How many water bottles did the pep club sell altogether?
- A** 277
B 367
C 377
D 387



6. A movie theater recorded the number of people at the late night showing of three movies. The table shows how many people were at each movie.

Movie Attendance

Movie Title	Number of People
Super Heros	116
Go Team!	183
Laugh City	205

Which is the **best** estimate of how many more people watched Laugh City than Super Heros?

- A** 100 **C** 300
B 200 **D** 400
7. Maria writes a number sentence that shows the Commutative Property of Addition. Which could be Maria's number sentence?
- A** $(19 + 21) + 21 = 19 + (21 + 21)$
B $0 + 27 = 27$
C $58 = 50 + 8$
D $4 + 71 = 71 + 4$

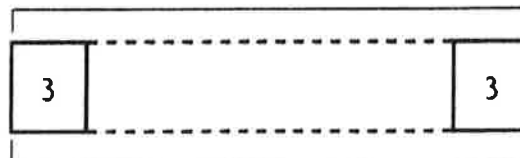
8. The Snack Shack had 145 bottles of apple juice. It sold 119 bottles of apple juice. How many bottles of apple juice are left?

A 16 **C** 36
B 26 **D** 126

9. John pays \$7 for some packs of pencils. Each pack of pencils costs \$1. How many packs of pencils does John buy?

A 0 **C** 7
B 1 **D** 14

10. Todd has 12 seashells from his trips to the beach. He has 3 seashells from each of his trips. How many trips to the beach has Todd gone on?



12 seashells

A 4 **C** 9
B 8 **D** 36

GO ON

11. Brad has 15 model cars. He places an equal number of model cars onto 3 shelves.



How many model cars are on each shelf?

- A 3
B 5
C 6
D 8

12. Hector writes a set of related facts. One of the facts he writes is $28 \div 4 = 7$. Which equation is included in the same set of related facts?

- A $4 \times 7 = 28$
B $2 \times 7 = 14$
C $21 \div 7 = 3$
D $32 \div 8 = 4$

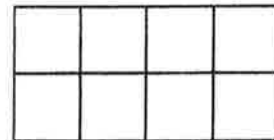
13. Ming uses $\frac{3}{4}$ cup of peanuts and $\frac{1}{4}$ cup of raisins to make a snack. Which statement correctly compares the fractions?

- A $\frac{3}{4} = \frac{1}{4}$
B $\frac{1}{4} > \frac{3}{4}$
C $\frac{3}{4} < \frac{1}{4}$
D $\frac{3}{4} > \frac{1}{4}$

14. In a survey, $\frac{1}{2}$ of the students chose summer as their favorite season and $\frac{1}{8}$ chose winter. Which statement correctly compares the fractions?

- A $\frac{1}{2} = \frac{1}{8}$
B $\frac{1}{2} < \frac{1}{8}$
C $\frac{1}{8} < \frac{1}{2}$
D $\frac{1}{8} > \frac{1}{2}$

15. Tony makes a tile design with square tiles. He wants $\frac{4}{8}$ of the tiles to be red.



Which fraction is equivalent to $\frac{4}{8}$?

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

GO ON

16. Mr. Corbin measures the lengths of three branches. The first branch is $\frac{2}{3}$ foot long. The second branch is $\frac{2}{2}$ foot long. The third branch is $\frac{2}{8}$ foot long. Which list orders the fractions from **greatest** to **least**?

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

17. Sara was doing her math homework. She wrote:

$$6 + 6 + 6$$

Which is another way to show what Sara wrote?

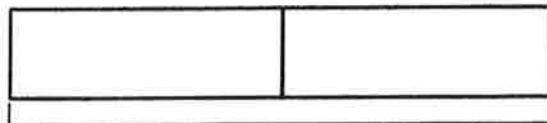
- A 3×3 C $6 + 3$
 B 3×6 D 6×6
18. Mrs. Risley looked in 7 baskets for yarn. In each basket she found 0 balls of yarn. Which sentence represents the total number of balls of yarn Mrs. Risley found?
- A $7 \times 0 = 0$
 B $7 + 0 = 7$
 C $7 \times 1 = 7$
 D $7 - 7 = 0$

19. There are 4 packages of granola bars left in a box. Each package contains 2 granola bars.



How many granola bars are left in the box in all?

- A 2
 B 6
 C 8
 D 10
20. Miss Rourke divided the students in her class into 2 groups. Each group had 8 students.



students

How many students are in Miss Rourke's class in all?

- A 4
 B 10
 C 14
 D 16



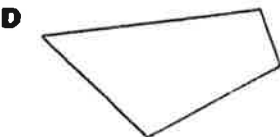
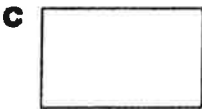
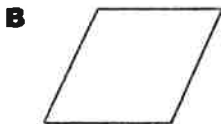
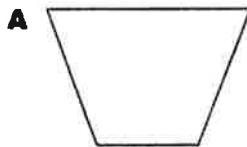
21. Kayla drew an array to show the number of desks in her classroom.



Which multiplication sentence shows the total number of desks in Kayla's classroom?

- A $4 \times 6 = 24$
- B $4 \times 7 = 28$
- C $4 \times 4 = 16$
- D $3 \times 6 = 18$

22. Franco draws a quadrilateral with four right angles. Which shape does Franco draw?



23. Edward draws a quadrilateral.



Which word can be used to describe the dashed sides of his quadrilateral?

- A parallel
- B perpendicular
- C point
- D triangle

24. Which capital letter appears to have an angle that is less than a right angle?

- A T
- B E
- C L
- D Y

25. Ariana drew a polygon with 5 sides. What is the name of the polygon she drew?

- A octagon
- B pentagon
- C hexagon
- D triangle



Name _____

26. The third-grade class has 32 students. The students stand in 4 equal rows during a concert. How many students stand in each row?

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

27. Mr. Marshall buys 3 gift cards to the electronics shop. Each gift card is worth \$40. What is the total cost of the 3 gift cards?

- A \$43
- B \$80
- C \$90
- D \$120

28. An elephant can drink about 40 gallons of water in a day. How many gallons of water can an elephant drink in 5 days?

- A 20
- B 200
- C 400
- D 9,000

29. A student makes a table as part of a science project.

Spiders	2	3	4	5	6
Legs	16	24	32	40	48

Which rule describes the pattern shown in the table?

- A Multiply the number of spiders by 8.
- B Multiply the number of spiders by 6.
- C Add 8 to the number of spiders.
- D Add 12 to the number of spiders.

30. Ana divided 42 pennies into 7 different piles. Each pile has the same number of pennies. How many pennies did Ana put in each pile?

$$42 \div 7 = a$$

$$7 \times a = 42$$

- A 4
- B 5
- C 6
- D 8