

Math League Practice #6

Fourth Grade

Student Name _____ Date _____

1. A small auditorium has 28 rows of chairs with 20 chairs in each row. On one event, they filled up half of the auditorium. How many chairs were empty?

- A. 48 B. 280 C. 140 D. 560 E. 540

2. Jill's basketball team has played three games. They won their first game 77 to 63, lost their second game 72 to 57, and won their third game 87 to 75. How many points did Jill's team score in all three games combined?

- A. 221 B. 229 C. 231 D. 236 E. 441

3. What number comes next in the following pattern?

1, 4, 9, 16, 25, ____

- A. 49 B. 41 C. 34 D. 35 E. 36

4. Four people want to share \$31 equally. How much money can each person have?

- A. \$6.25 B. \$6.50 C. \$7.00 D. \$7.25 E. \$7.75

5. Which of the following would have the smallest answer?

- A. $91-101$ B. $81-101$ C. $71-101$ D. $61-101$ E. $51-101$

6. A certain regular hexagon has a perimeter of 126 centimeters. (All six sides of a regular hexagon are the same length.) What is the length of each side?

- A. 11 cm B. 21 cm C. 23 cm D. 24 cm E. 16 cm

7. Students in Mr. Smith's math class get to choose two different prizes when they get a perfect score on a math test. First, they may choose one math prize: a ruler, a protractor, or a compass. Next, they may choose a snack: a candy bar, a pack of mints, an apple, or a granola bar. How many different pairs of prizes can possibly be chosen? (Example: a ruler and a granola bar would be one possible pair of prizes; a ruler and an apple would be a different possible pair.)

- A. 8 B. 9 C. 10 D. 12 E. 14

8. At an overnight party, Emma didn't get to sleep until 19 minutes past midnight, and she woke up at 9:07 a.m. the next morning. For how long did Emma sleep?

- A. 9 hours, 26 minutes B. 9 hours, 12 minutes C. 8 hours, 48 minutes
D. 8 hours, 26 minutes E. 8 hours, 12 minutes

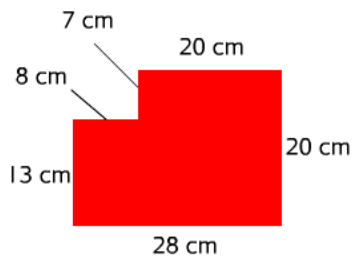
9. What number belongs in the box in the following equation?

$$\square - 19 = 96 \div 6 + 14$$

- A. 30 B. 49 C. 11 D. 121 E. 46

10. Find the perimeter.

- A. 76 cm B. 96 cm C. 116 cm
D. 69 cm E. 67 cm



11. Jessie has pictures of a lion, an elephant, a tiger, and a giraffe. How many different ways can he arrange the 4 pictures in a row?

- A. 12 B. 16 C. 20 D. 24 E. 28

12. How many hundreds are there in 600,000?

- A. 600 B. 6,000 C. 60,000 D. 360 E. 3,600

13. Suppose it is 69°F inside and -2°F outside. How many degrees higher is the temperature inside than outside?

- A. 67° B. 68° C. 69° D. 70° E. 71°

14. At 9:00 A.M., the temperature was 34°F. A cold front made the temperature drop 3°F every hour. What was the temperature at 2:00 P.M.?

- A. 19° B. 20° C. 21° D. 22° E. 23°

15. Kelly showed four videos at her slumber party. They ran for 105 minutes, 180 minutes, 120 minutes, and 95 minutes. What was the average length of each video?

- A. 120 minutes B. 125 minutes C. 130 minutes
D. 135 minutes E. 140 minutes

Math League Practice #7

Fourth Grade

Student Name _____ Date _____

1. Ms. Brown bought 7 dozen eggs for her new crazy cake recipe. How many eggs did she buy?

- A. 70 B. 72 C. 76 D. 78 E. 84

2. Jill's basketball team has played 24 games. They won only $\frac{1}{4}$ of those games. How many games her team did not win?

- A. 16 B. 18 C. 20 D. 12 E. 14

3. What number comes next in the following pattern?

2, 4, 15, 17, 28, 30, ____

- A. 32 B. 36 C. 39 D. 40 E. 41

4. Four people want to share a tray of cookies. Each ate 3 cookies, and there are 4 cookies left. How many cookies were originally in the tray?

- A. 12 B. 14 C. 15 D. 16 E. 18

5. Which of the following would have the largest answer?

- A. $42-101$ B. $52-101$ C. $62-101$ D. $51-101$ E. $41-101$

6. A certain rectangle has a perimeter of 56 cm. Its length was measured 16 cm. What is the width?

- A. 11 cm B. 12 cm C. 13 cm D. 14 cm E. 16 cm

7 Ms. Ramon brought 62 pineapples home from her vacation to Hawaii. She divided the pineapples into 4 equal piles and ate the pineapples that were left over. How many pineapples did Ms. Ramon eat?

- A. 1 B. 2 C. 3 D. 4 E. 5

8. Emma read her book from 3:55 p.m. until 5:05 p.m. How long did Emma read?

- A. 1 hour, 10 minutes B. 2 hours, 10 minutes C. 1 hour, 5 minutes
D. 1 hour, 20 minutes E. 1 hour, 15 minutes

9. A large pizza at Yummy Pizza costs \$12.80 and is always cut into 8 equal slices. What is the cost per slice of that pizza?

- A. \$2.60 B. \$1.60 C. \$1.28 D. \$1.20 E. \$1.18

10. What number belongs in the box in the following equation?

$$\square - 12 = 155 \div 5$$

- A. 43 B. 41 C. 31 D. 35 E. 46

11. A rectangle is 5 inches wide. The area of the rectangle is 35 square inches. What is the perimeter of the rectangle?

- A. 24 inches
B. 40 inches
C. 30 inches
D. 28 inches
E. There is not enough information to know.

12. John's bedroom is exactly 18 feet by 21 feet. He wants to get carpeting to cover the entire floor. How many square **yards** of carpeting does he need?

- A. 126
B. 378
C. 13
D. 42
E. 45

13. Our Math teacher is 25 years older than my brother, who is twice my age. If I am now 9, how old is the teacher?

- A. 43 B. 48 C. 50 D. 53 E. 59

14. How much must I pay for a 5-minute phone call that costs \$1 for the first minute and 75 cents for each additional minute?

- A. \$3.25 B. \$3.50 C. \$3.75 D. \$4 E. \$5

15. If 2 of every 3 students at a party dance the Macarena, how many of a group of 120 students at the party don't do this dance?

- A. 30 B. 40 C. 60 D. 80 E. 100