

Math League Practice #4

Fifth Grade

Name: _____

Date: _____

- $12 + 14 + 16 + 18 = 2 + 4 + 6 + 8 + \underline{\quad}$
A. 10 B. 20 C. 30 D. 40 E. 50
- $100 \div 5 = \underline{\quad} \times 5$
A. 2 B. 4 C. 10 D. 20 E. 25
- The value of 5 quarters is the same as the value of how many nickels?
A. 15 B. 20 C. 25 D. 30 E. 50
- Gil the Fish weighs twice as much as Bill the Fisherman. If Gil weighs 150 kg, the Bill weighs $\underline{\quad}$ kg.
A. 75 B. 150 C. 225 D. 300 E. 100
- Add the number of sides in a triangle to the number of sides in a pentagon. The sum equals the number of sides in $\underline{\hspace{2cm}}$.
A. a square B. a rhombus C. a hexagon
D. an octagon E. a decagon
- My secret number uses the digits 1, 2, and 3 once each, in some order. In how many tries can you guess my number at most?
A. 3 B. 4 C. 5 D. 6 E. 8
- $2 \text{ hours} - \underline{\quad} \text{ minutes} = 45 \text{ minutes.}$
A. 30 B. 75 C. 85 D. 105 E. 115
- The length of three sides of a $\underline{\quad}$ shape could be 8 cm, 8 cm, and 16 cm.
A. rectangle B. square C. triangle
D. circle E. isosceles

9. Cathy sells cakes for \$9 each. If it costs Cathy \$10 to make 4 cakes, how much profit does Cathy make on each cake sold?
A. \$0.25 B. \$1.00 C. \$2.50 D. \$4.50 E. \$6.50
10. My dog walked 10 times as far as Frank's dog, and Frank's dog walked 10 times as far as Al's dog. If Frank's dog walked 10 km, then my dog walked ____ km farther than Al's dog.
A. 9 B. 90 C. 99 quarters
D. 109 E. 10
11. If 9 of 30 students got A's, what percent **didn't** get A's?
A. 21% B. 65% C. 70% D. 79% E. 72%
12. Suzie loves to go to the 99 cents store. Every item is priced at 99 cents. Today is special because there's no sales tax will be charged. She bought 21 items total. How much did she have to pay?
A. \$20 B. \$20.59 C. \$20.69 D. \$20.79 E. \$21
13. At its peak, Mount Everest is 29,035 feet above sea level. Mount McKinley, the highest point in North America, has a peak that is just 20,320 feet above sea level. How much farther above sea level is Mount Everest than Mount McKinley?
A. 8,715 feet B. 8,785 feet C. 8,815 feet
D. 8,985 feet E. 9,315 feet
14. When Ken plays basketball, he wins three-fourths of the time. Of those games that he wins, 25% of the time the other player never even scores. If Ken plays 16 games of basketball, in how many games will the other player not score?
A. 2 B. 3 C. 4 D. 5 E. 6
15. What is the twelfth number (the 2nd missing number) in the following pattern?
1, 1, 2, 3, 5, 8, 13, 21, 34, 55, _____, _____
A. 98 B. 110 C. 132 D. 144 E. 156

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Answers

1. D (40)
2. B (4)
3. C (25)
4. A (75)
5. D (octagon)
6. D (6)
7. B (75)
8. A (rectangle)
9. A (rectangle)
10. E (\$6.50)
11. C (99)
12. C (70%)
13. D (\$20.79)
14. A (8,715)
15. B (3)
16. D (144)