

Math League Practice #2

Sixth Grade

Name: _____

Date: _____

- 1 day + 9 hours + 9 minutes = _____ minutes
A. 29 B. 583 C. 1999 D. 85959 E. 1919
- $(50 \times 60 \times 70 \times 80) \div (5 \times 6 \times 7 \times 8) =$
A. 10 B. 100 C. 1000 D. 10000 E. 11
- The sum of the first 4 digits on my ticket stub equals the sum of the last 3 digits. My ticket stub number *could* be:
A. 4503219 B. 4526819 C. 4375891 D. 6073915
- In a square, the ratio of the perimeter to the length of a side is ____
A. 1:4 B. 1:2 C. 2:1 D. 4:1 E. 1:1
- 1999 quarters = ____ nickels
A. $1999 \div 5$ B. 1999×5 C. $1999 + 5$ D. $1999 - 5$ E. 1009
- Of the following polygons, which has the most vertices?
A. pentagon B. square C. rectangle D. triangle E. circle
- How many more minutes are there in March than in April?
A. 720 B. 1440 C. 2160 D. 2880 E. 2400
- The sum of two consecutive integers is always ____
A. even B. odd C. prime D. at least 10
- Mom bought a diving suit for \$50 and sold it for \$100. Based on her cost, she made a profit of ____%
A. 50 B. 100 C. 150 D. 200 E. 10
- The sum of the ten smallest positive primes is ____.
A. 101 B. 109 C. 110 D. 129 E. 131

11. A rope 2 m long can form a circle with circumference of ____.
- A. 2 m B. π m C. 2π m D. 4π m E. 4 m
12. The length of a side of a square is an even number. The perimeter of this square could be ____
- A. 12 B. 30 C. 54 D. 72 E. 51
13. Of the following, which is a multiple of 1999?
- A. $1999^2 + 1998 + 1$ B. $1999^2 + 1$ C. $1999^2 + 1998$
D. $1999^2 - 1$ E. $1991^3 + 1$
14. If all angles of a triangle are perfect squares, its smallest angle is ____
- A. 4° B. 9° C. 16° D. 30° E. 36°
15. My class was lined up on the gym floor in 9 rows, with 4 students in each row. If our coach rearranged us so that the number of rows was the same as the number of students in each row, how many rows were there after we were rearranged?
- A. 8 B. 6 C. 5 D. 4 E. 2

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SIXTH GRADE

Answers

1. C
2. D
3. A
4. D
5. B
6. A
7. B
8. B
9. B
10. D
11. A
12. D
13. A
14. C
15. B