

Math League Practice #5

Sixth Grade

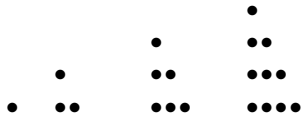
Name: _____

Date: _____

- 15 quarters + 15 nickels + 15 pennies = _____ nickels
A. 46 B. 83 C. 93 D. 85 E. 45
- The candy store earns \$1.25 for every dozen candies it sells. If it sells 3888 candies this month, how much money will this store earn?
A. \$4,860 B. \$4,680 C. \$3,889.25 D. 405 E. 400
- Which of these subtraction problems has the smallest difference?
A. 100.19-14.25 B. 100.19-14.24 C. 101.19-14.15
D. 100.19-14.26 E. 100.18- 14.24
- What is the area of a triangle that has a base of 2.5 inches and height of 4 inches?
A. 4.5 in² B. 4 in² C. 5 in² D. 5.5in² E. 6.5in²
- The testing session began at 8:45 a.m. The time limit on the first test was 35 minutes and the time limit on the second test was 40 minutes. There was a 10-minute break between the tests. At what time did the session end?
A. 10:00 a.m. B. 10:10 a.m. C. 10:15 a.m. D. 10:25 a.m. E. 11:05 a.m.
- Attendance at the basketball game was 23,458 last night. This number included 1,000 promotional tickets that were given away. How many paid tickets were used?
A. 22,548 B. 23,358 C. 23,658 D. 24,458 E. 22,458
- What is 10% of 10% of 10% of 100?
A. 10 B. 1.0 C. 0.1 D. 0.01 E. 30
- If a pack of gum cost 47¢, the closest estimate of the cost of 22 packs of gum is ____
A. \$0.10 B. \$1.00 C. \$10.00 D. \$100.00 E. \$22.00
- The dress rehearsal began at 2:20 p.m. If it lasted 1 hour and 45 minutes, at what time did the rehearsal end?
A. 6:05 p.m. B. 5:05 p.m. C. 3:45 p.m. D. 4:05 p.m. E. 4:15 p.m.

10. I ate half of my large pizza for dinner. This morning I shared my left over pizza with 3 of my friends. How much did each of us get?
- A. $\frac{1}{3}$ B. $\frac{1}{4}$ C. $\frac{1}{8}$ D. $\frac{1}{16}$ E. $\frac{1}{2}$

11. If the pattern above continues, how many dots would there be in the seventh figure?



- A. 20 B. 28 C. 30 D. 32 E. 36
12. At the supermarket yesterday, Luke bought 3 magazines at \$2.75 each. The tax is 8%. How much did he have to pay (including tax)?
- A. \$2.97 B. \$5.94 C. \$11.88 D. \$8.25 E. \$8.91
13. At an arts-and-crafts fair, $\frac{1}{3}$ of the vendors are selling wooden handicrafts and $\frac{1}{6}$ are selling paintings. How many of the vendors at the arts-and-crafts fair are selling either wooden handicrafts or painting?
- A. $\frac{2}{9}$ B. $\frac{1}{3}$ C. $\frac{1}{2}$ D. $\frac{2}{3}$ E. $\frac{7}{9}$
14. Donna set a goal to swim 32 laps in the pool without stopping. After 24 laps she stopped to rest. What percent of her goal did Donna complete?
- A. 125% B. 75% C. 60% D. 30% E. 25%
15. The sum of two integers is 90. The sum of 25% of the first number and 75% of the second number is 30. Find these numbers.
- A. 10 and 80 B. 15 and 75 C. 20 and 70
D. 25 and 65 E. 30 and 60

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Answers

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