

Math League Practice #3

Sixth Grade

Name: _____

Date: _____

- $77 - (33 + 44) = (77 - 33) - \underline{\quad}$
A. 44 B. 33 C. 22 D. 1 E. 0
- If I divide my house number by 2 and then add 6, I get 24. What is my house number?
A. 9 B. 15 C. 36 D. 44 E. 54
- The average age of 5 bears is 120 months. The sum of their ages is $\underline{\quad}$ years.
A. 10 B. 24 C. 50 D. 100 E. 120
- $(\# \text{ of days in a year}) - (\# \text{ of days in February of that year}) =$
A. 335 B. 336 C. 337 D. 338 E. 339
- If a helicopter can fly for 90 minutes on 1 full tank of gas, how many full tanks of gas does it need to fly for 6 hours?
A. 3 B. 4 C. 15 D. 30 E. 60
- Between the 1st person and the 51st person on a line, how many people are there?
A. 49 B. 50 C. 51 D. 52
- Divide an odd number by 4. The remainder is **always** _____
A. odd B. even C. 1 D. prime
- 300 gram is $\underline{\quad}$ % of 6 kilogram
A. 2 B. 5 C. 50 D. 500 E. 5000
- What is the greatest prime factor of $6^3 \times 18^3 \times 30^3$?
A. 2 B. 3 C. 5 D. 6^3

10. If one angle of a triangle is 40° , the other angle average:
A. 70° B. 140° C. 160° D. 180° E. 50°
11. My watch gained 3 minutes the 1st hour, 6 minutes the 2nd hour, 9 minutes the 3rd hour, and so on. In 10 hours, it gained a total of _____
A. 30 minutes B. 135 minutes C. 165 minutes
D. 198 minutes E. 200 minutes
12. The product of all sides of a square is 1296. The sum of all 4 is _____
A. 24 B. 36 C. 48 D. 16 E. 72
13. I ran 1 km in 6.0 minutes. Rabbit ran 50% faster and finished in _____ minutes.
A. 3.0 B. 4.0 C. 4.5 D. 6.5 E. 9.0
14. Of the following, which reads the same forwards, backwards, and upside down (when viewed on a calculator screen)?
A. 6889 B. 1991 C. 1961 D. 1881 E. 1661
15. My piggy bank has only nickels, dimes and dollar bills. The ratio of nickels to dimes is 2:3, and the ratio of dimes to dollar bills is 8:1. What is the ratio of coins to dollar bills?
A. 40:3 B. 16:3 C. 13:1 D. 5:1 E. 10:1

MATH LEAGUE PRACTICE #3
SIXTH GRADE

Answers

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

MATH LEAGUE PRACTICE #4
SIXTH GRADE

Answers

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