Name _____ Date _____ Class _____

PRACTICE Test   Unit 1- Number System Fluency

Choose the best answer.

1. Find the quotient: 2,009 ÷ 87

   Write your remainder as a fraction in simplest form.

   _____

2. Estimate 54.62 × 93.27

   F 500   H 4,500
   G 1,500   J 45,000

3. Mr. Green bought some new shoes for $76.34. If he paid with $100 bill, how much change did he get?

   _____

4. Add 13.24 + 35.67 + 4.321

   _____

5. Find the product: 26.4 × 0.15

   A 2.64   C 26.55
   B 3.96   D 39.6

6. Find the product: 6.45 × 19.3

   _____

7. Evaluate 50.52 ÷ 6

   _____

8. Rita and four friends went to a spring concert at the park. They each bought a ticket. The total bill was $79.95. How much did each ticket cost?

   F $12.99
   G $14.21
   H $15.99
   J $16.23

9. Kathleen earns $47.50 per week mowing lawns. So far she has earned $1140. For how many weeks has she been mowing lawns?

   A 12   C 36
   B 24   D 54,150

10. Miranda earns $12.50 per hour. In the last pay period, her pay check was $531.25. How many hours did she work during that pay period?

    F 12.5 hrs   H 43 hrs
    G 42.5 hrs   J 44.25 hrs

11. What is the GCF of 42 and 63?

    _____

12. Which gives 42 + 77 as a product of the GCF and a sum?

    F 3(14 + 30)   H 7(6 + 11)
    G 7(6 + 12)   J 91 + 42

13. What is the least common multiple of 15 and 25?

A 25   C 150

B 75   D 375

14. What is the least common multiple of 18, 20 and 24?

F 144   H 360

G 288   J 480

15. Use the distributive property to rewrite.   12 (w + 6)

_____

16. What is the prime factorization of 130?

_____

17. Which is not a factor of 96?

A   8   C 16
B   6   D 18

18. What is $5\frac{1}{5} \div 1\frac{1}{5}$ in simplest form?

F $5\frac{4}{12}$ H $4\frac{4}{12}$

G $4\frac{1}{3}$ J $5\frac{1}{3}$

19. Divide $3\frac{2}{3} \div \frac{3}{11}$

_____

20. Arwyn made $3\frac{1}{4}$ cups of rice. She wants to split it up into three-fourths cups servings. How many servings will she have?

_____