Name: **Key**   Date: _____   Period: _____

First Nine Weeks Study Guide

Find the quotient.

1. $756 \div 12 =$ **63**

2. $1,230 \div 15 =$ **82**

3. $7,438 \div 4 =$ **1,859.5**

Find the sum, difference, product or quotient of each decimal.

4. $9.54 + 3.1 =$ **12.64**

5. $12 + 19.75 =$ **31.75**

6. $41 - 12.56 =$ **28.44**

7. $13.5 - 8.64 =$ **4.86**

8. $11.5 \times 29 =$ **333.5**

9. $14.33 \times 6.7 =$ **96.011**

10. $1.26 \div 5 =$ **0.252**

11. $32.48 \div 2.9 =$ **11.2**

Find the GCF, or greatest common factor, of the two whole numbers.

12. 14 and 20 $=$ **2**

13. 24 and 30 $=$ **6**

14. 27 and 18 $=$ **9**

15. 32 and 12 $=$ **4**

16. 36 and 100 $=$ **4**

Find the LCM, or least common multiple, of the two whole numbers.

17. 4 and 9   36

18. 6 and 10   30

19. 9 and 12   36

20. 8 and 4   8

21. 15 and 5   15

Find the quotient.

22. $90 \div \frac{1}{9} =$ 810

23. $6\frac{3}{4} \div 2 =$ $3\frac{3}{8}$

24. $\frac{2}{7} \div \frac{5}{7} =$ $\frac{2}{5}$

25. $\frac{11}{12} \div \frac{2}{3} =$ $1\frac{3}{8}$

26. Amy wanted to buy a new toy at Walmart. The toy cost $7.99 and Amy had a coupon that made the toy cost $5.75. How much did the coupon save Amy? $2.24

27. Stephanie was subtracting a decimal problem. The problem was 35.9862 - 14.99. She set up the problem below. What was her mistake?

She did not put her numbers in the correct place value of tenths and hundredths.

$$35.9862$$
$$- 14.99$$

$$35.9862$$
$$-14.99$$

28. When multiplying decimals what steps do you follow?

-Line up your __numbers__.

-__Multiply__ the same as if the numbers are __whole__ numbers.

-Counting from the right add the total number of __decimal__ places in each factor.