

Name _____

Find the Whole From a Percent**COMMON CORE STANDARD—6.RP.3C***Understand ratio concepts and use ratio reasoning to solve problems.*

Find the unknown value.

1. 9 is 15% of 60

$$\frac{15}{100} = \frac{9}{\square}$$

$$\frac{15 \div 5}{100 \div 5} = \frac{3 \times 3}{20 \times 3} = \frac{9}{60}$$

2. 54 is 75% of _____

3. 12 is 2% of _____

4. 18 is 50% of _____

5. 16 is 40% of _____

6. 56 is 28% of _____

7. 5 is 10% of _____

8. 24 is 16% of _____

9. 15 is 25% of _____

10. 11 is 44% of _____

11. 19 is 95% of _____

12. 10 is 20% of _____

Problem Solving

13. Michaela is hiking on a weekend camping trip. She has walked 6 miles so far. This is 30% of the total distance. What is the total number of miles she will walk?
14. A customer placed an order with a bakery for muffins. The baker has completed 37.5% of the order after baking 81 muffins. How many muffins did the customer order?
