

Lesson
6.3**Extra Practice**

Solve the equation. Check your solution.

1. $\frac{x}{2} = 9$

2. $4 = \frac{t}{4}$

3. $\frac{w}{25} = 4.4$

4. $x \div 16 = 3.5$

5. $5a = 15$

6. $8 \cdot d = 40$

7. $60 = 20m$

8. $7g = 14$

9. $9y = 72$

10. $3 \cdot n = 63$

11. $4 = \frac{v}{11}$

12. $\frac{c}{7} = 5$

13. $7 = \frac{z}{6}$

14. $4.5v = 40.5$

15. $24k = 60$

16. $210 = 7r$

Your friend solves the equation. Is your friend correct? Explain your reasoning.

17.

$$\begin{array}{l} \frac{x}{9} = 3 \\ 9 \cdot \frac{x}{9} = 9 \cdot 3 \\ x = 27 \end{array}$$

18.

$$\begin{array}{l} 4 \cdot z = 32 \\ \frac{4 \cdot z}{4} = 4 \cdot 32 \\ z = 128 \end{array}$$

19. A teacher tells 36 students to form 4 equal groups. Write and solve a multiplication equation to find how many students s there should be in each group.

20. You have been saving \$12 each week for many weeks. One day, you decide to count your savings and find that you have \$384. Write and solve a multiplication equation to find how many weeks w you have been saving.