

Name _____

Solve Multiplication and Division Equations**COMMON CORE STANDARD—6.EE.7***Reason about and solve one-variable equations and inequalities.*

Solve the equation, and check the solution.

1. $8p = 96$

$$\frac{8p}{8} = \frac{96}{8}$$

$$p = 12$$

2. $\frac{z}{16} = 8$

3. $3.5x = 14.7$

4. $32 = 3.2c$

5. $\frac{2}{5}w = 40$

6. $\frac{a}{14} = 6.8$

7. $1.6x = 1.6$

8. $23.8 = 3.5b$

9. $\frac{3}{5} = \frac{2}{3}t$

10. $\frac{x}{7} = 0$

11. $4n = 9$

12. $\frac{3}{4}g = \frac{5}{8}$

Problem Solving

13. Anne runs 6 laps on a track. She runs a total of 1 mile, or 5,280 feet. Write and solve an equation to find the distance, in feet, that she runs in each lap.
-

14. DeShawn uses $\frac{3}{4}$ of a box of rice to cook dinner. The portion he uses weighs 12 ounces. Write and solve an equation to find the weight of the full box of rice.
-