

Name: _____

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Solve for the missing variable.

1) $12x + 7 = 139$

2) Solve for x.

$$\frac{1}{4}x + 10 = -7$$

3) Solve the proportion.

$$\frac{18}{x} = \frac{9}{8}$$

4) Solve for the missing variable.

$$\frac{16}{28} = \frac{x}{7}$$

5) Solve for the missing variable.

$$27 = 4x + 7 + x$$

6) Solve for the missing variable.

$$-60 = 7x + 3(x + 10)$$

7) Solve for the missing variable.

$$4x + 7 = 6x - 17$$

8) Solve for the missing variable.

$$10y = 5(y - 7)$$