

## Linear Equations Worksheet

Solve the equations.

**1 a.**  $5 = 12x$

**1 b.**  $10 + 9 = 3p$

**2 a.**  $w - 1 = 6$

**2 b.**  $v - 8 = 7$

**3 a.**  $3 = 10 - n$

**3 b.**  $\frac{x}{7} = 12$

**4 a.**  $\frac{w}{9} = 9 - 8$

**4 b.**  $2 \cdot 9 = 8 + w$

**5 a.**  $2 \cdot 12 = \frac{p}{8}$

**5 b.**  $3 = \frac{z}{12}$

**6 a.**  $1 + w = 3$

**6 b.**  $9x = 8$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key

<b>1 a.</b> $x = 5/12$	<b>1 b.</b> $p = 6 \frac{1}{3}$
<b>2 a.</b> $w = 7$	<b>2 b.</b> $v = 15$
<b>3 a.</b> $n = 7$	<b>3 b.</b> $x = 84$
<b>4 a.</b> $w = 9$	<b>4 b.</b> $w = 10$
<b>5 a.</b> $p = 192$	<b>5 b.</b> $z = 36$
<b>6 a.</b> $w = 2$	<b>6 b.</b> $x = 8/9$