

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

## Linear Equations Worksheet

Solve the equations.

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

**1 b.**  $3 = 6w + 12w$

**2 a.**  $10 = 8x$

**2 b.**  $11 \cdot 5 = 11 + n$

**3 a.**  $7 = 3 + w$

**3 b.**  $t + 2 = 2$

**4 a.**  $10n = 5$

**4 b.**  $x - 7 = 10 \cdot 7$

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

## Answer Key

<b>1 a.</b> $w = 1 \frac{1}{3}$	<b>1 b.</b> $w = \frac{1}{6}$
<b>2 a.</b> $x = 1 \frac{1}{4}$	<b>2 b.</b> $n = 44$
<b>3 a.</b> $w = 4$	<b>3 b.</b> $t = 0$
<b>4 a.</b> $n = \frac{1}{2}$	<b>4 b.</b> $x = 77$