

Show What You Know Answer Key

One-step equations with multiplication and division

Solve each equation.

- $8 = -\frac{k}{4}$ -32
- $6 = -\frac{p}{-5}$ 30
- $-4x = 28$ -7
- $-10 = \frac{g}{1.9}$ -19
- $-7m = 63$ -9
- $30 = -\frac{q}{5}$ -150
- $-8.4 = -4n$ 2.1
- $-40 = -\frac{k}{-5}$ -200
- $-2 = -\frac{w}{-7}$ -14
- $-\frac{h}{8.1} = -4$ 32.4

Write an equation to represent each relationship.

- Seven times a number is 49. $7x = 49$; $x = 7$
- A number divided by 6 is equal to 10. $\frac{x}{6} = 10$; 60

For numbers 13–16, use the equation $8y = 4x$ to find y for each value of x .

	x	$4x$	$8y = 4x$	y
13.	-4	$4(-4) = -16$	$8y = -16$	-2
14.	-2	-8	$8y = -8$	-1
15.	0	0	$8y = 0$	0
16.	2	8	$8y = 8$	1