

Show What You Know

One-step equations with multiplication and division

Solve each equation.

1. $8 = -\frac{k}{4}$

6. $30 = -\frac{q}{5}$

2. $6 = -\frac{p}{-5}$

7. $-8.4 = -4n$

3. $-4x = 28$

8. $-40 = -\frac{k}{-5}$

4. $-10 = \frac{g}{1.9}$

9. $-2 = -\frac{w}{-7}$

5. $-7m = 63$

10. $-\frac{h}{8.1} = -4$

Write an equation to represent each relationship.

11. Seven times a number is 49.

12. A number divided by 6 is equal to 10.

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

	x	$4x$	$8y = 4x$	y
13.	-4	$4(-4) = -16$	$8y = -16$	<input type="checkbox"/>
14.	-2	<input type="checkbox"/>	$8y = \square$	<input type="checkbox"/>
15.	0	<input type="checkbox"/>	$8y = \square$	<input type="checkbox"/>
16.	2	<input type="checkbox"/>	$8y = \square$	<input type="checkbox"/>