## Show What You Know

## One-step equations with multiplication and division

## Solve each equation.

1. $\quad 8=-\frac{k}{4}$
2. $6=-\frac{p}{-5}$
3. $-4 x=28$
4. $-10=\frac{g}{1.9}$
5. $-7 m=63$
6. $30=-\frac{q}{5}$
7. $-8.4=-4 n$
8. $-40=-\frac{k}{-5}$
9. $-2=-\frac{w}{-7}$
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 $8 y=4 x$ to find $y$ for each value of $x$.

|  | $\mathbf{x}$ | $4 \mathbf{x}$ | $8 y=4 \boldsymbol{x}$ | $\boldsymbol{y}$ |
| :---: | :---: | :---: | :---: | :---: |
| 13. | -4 | $4(-4)=-16$ | $8 y=-16$ | $\square$ |
| 14. | -2 | $\square$ | $8 y=\square$ | $\square$ |
| 15. | 0 | $\square$ | $8 y=\square$ | $\square$ |
| 16. | 2 | $\square$ | $8 y=\square$ | $\square$ |

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