

Undo Multiplication

$$2x = 8$$

1. Draw fraction bars under both sides of the equation.

$$\underline{2x} = \underline{8}$$

2. Use the coefficient for both denominators.

$$\frac{\underline{2x}}{2} = \frac{\underline{8}}{2}$$

3. Slash out the coefficient and denominator.

$$\cancel{2}x = \frac{8}{\cancel{2}}$$

4. Bring down the variable and the equal sign.

$$\cancel{2}x = \frac{8}{\cancel{2}}$$
$$x =$$

5. Do the division problem ($8 \div 2 = 4$).

$$\frac{\underline{2x}}{2} = \frac{\underline{8}}{2}$$
$$x = 4$$