

One-Step Equations: Multiplication + Division

1. Original problem
2. Inverse operation (twice)
3. Answer
4. Rewrite Line 1 but substitute in your answer for the variable
5. Solve Line 4

★ Note: When you have a division problem Line 2 is combined with Line 1. (Still 5 steps of work to show)

$$7 \cdot 13 = \frac{x}{7} \cdot \frac{7}{1} \quad \text{Multiplication}$$

91	=	X
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13	$\div$	$\frac{91}{7}$
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13	=	13 \checkmark
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$$\begin{array}{r} 13 \\ 7 \overline{) 91} \\ \underline{-7} \\ 21 \end{array}$$

$$\frac{54}{9} = \frac{9}{1} \cdot \frac{1}{9}$$

Division

6	=	P
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54	$\div$	$9 \cdot 6$
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54	=	54 \checkmark
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$$3 \cdot 18 = \frac{r}{18} \cdot \frac{18}{1}$$

Multiplication

54	=	r
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18	$\div$	$\frac{54}{3}$
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18	=	18 \checkmark
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$$\begin{array}{r} 18 \\ 3 \overline{) 54} \\ \underline{-3} \\ 24 \end{array}$$