

4-5

Inverse

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+ inverse is -

"undo"

- inverse is +

goal is

$$y + 7 = 12 \rightarrow$$

x inverse is \div

to find unknown

$$y = 5$$

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\div inverse is \times

do to both sides

$$x - 4 = 10$$

+4

+4

$$x = 14$$

always use the same number

$$\frac{2}{1} \times \frac{x}{2} = \frac{8}{1}$$

$x = 8$

$$\frac{3}{2} \times \frac{2}{3} = \frac{9}{2}$$

$x = 3$

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