

Solving for x

Undo
with
÷

$$8x = 40$$

÷8

$$x = 5$$

To solve
use inverse
operations.

$$2.5x = 35$$

$$x = 14$$

Undo
with
-

$$x + 2 = 9$$

-2

$$x = 7$$

$$x + 3.07 = 5.61$$

-3.07

$$x = 2.54$$

Undo
with
+

$$x - 3 = 5$$

+3

$$x = 8$$

$$x - 1\frac{1}{2} = 3\frac{1}{2}$$

+1½

$$x = 5$$

Undo
with
×

$$x/10 = 6$$

×10

$$x = 60$$

$$x/2.5 = 15$$

$$x = 37.5$$

x	$5x - 3 = 22$	Solution?
1	$5 \cdot 1 - 3 = 2$	No
2	$5 \cdot 2 - 3 = 7$	No
5	$5 \cdot 5 - 3 = 22$	Yes