Answer key

The method: One-step equations

Do the opposite operation to both sides to get x alone.

$-2 = x - 5$

$-2 + 5 = x$ add 5 to both sides

$x = 3$ x can be on either side

$\frac{x}{10} = 10$

$x = 10 \times 10$ multiply both sides by 10

$x = 100$

$5x = -35$

$x = -35 \div 5$ divide both sides by 5

$x = -7$

Problems 1 and 2 worked out · Version 0A

$7x = -49$

$x = -49 \div 7$ divide both sides by 7

$x = -7$

$6x = 18$

$x = 18 \div 6$ divide both sides by 6

$x = 3$

One-step equations · Version 0A

1) $x = -7$ 2) $x = 3$ 3) $x = -6$ 4) $x = -55$
5) $x = 11$ 6) $x = 7$ 7) $x = -60$ 8) $x = -9$
9) $x = -55$ 10) $x = -11$ 11) $x = 4$ 12) $x = -5$
13) $x = -12$ 14) $x = -12$ 15) $x = 3$ 16) $x = -90$
17) $x = -2$ 18) $x = 4$ 19) $x = -3$ 20) $x = -16$
21) $x = -9$ 22) $x = 14$ 23) $x = 10$ 24) $x = -6$
25) $x = -2$ 26) $x = -84$ 27) $x = 27$ 28) $x = 4$
29) $x = 11$ 30) $x = 99$