

Multi-step equations

NAME	DATE	SCORE / 14
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Solve each equation.

1 $2(x + 7) = 14$ _____

2 $5(n - 8) - 5 = -45$ _____

3 $9y - 9 = 6y - 9$ _____

4 $4(x - 1) - 2 = 34$ _____

5 $5n + 3n - 7 = 73$ _____

6 $5(x - 8) + 9 = -71$ _____

7 $10y - 4 = 6y - 16$ _____

8 $5(x - 6) = -60$ _____

9 $5m + 6m + 10 = -78$ _____

10 $8y + 4y + 14 = 74$ _____

11 $3x + 2x + 7 = 47$ _____

12 $7(x - 9) = -42$ _____

13 $8y + 2 = 5y - 22$ _____

14 $4(n - 9) + 4 = -32$ _____

Multi-step equations

1 $2(x + 7) = 14$ $x = 0$

4 $4(x - 1) - 2 = 34$
 $x = 10$

7 $10y - 4 = 6y - 16$
 $y = -3$

10 $8y + 4y + 14 = 74$
 $y = 5$

13 $8y + 2 = 5y - 22$
 $y = -8$

2 $5(n - 8) - 5 = -45$
 $n = 0$

5 $5n + 3n - 7 = 73$
 $n = 10$

8 $5(x - 6) = -60$ $x = -6$

11 $3x + 2x + 7 = 47$ $x = 8$

14 $4(n - 9) + 4 = -32$
 $n = 0$

3 $9y - 9 = 6y - 9$ $y = 0$

6 $5(x - 8) + 9 = -71$
 $x = -8$

9 $5m + 6m + 10 = -78$
 $m = -8$

12 $7(x - 9) = -42$ $x = 3$