

Two-step equations

NAME	DATE	SCORE / 16
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Solve each equation.

1 $2y + 14 = 36$ _____

2 $y \div 4 + 14 = 26$ _____

3 $8n + 23 = 103$ _____

4 $12 + 9x = 66$ _____

5 $9n + 15 = 123$ _____

6 $n \div 3 + 22 = 26$ _____

7 $x \div 3 + 20 = 31$ _____

8 $16 + 6m = 88$ _____

9 $2m + 3 = 25$ _____

10 $m \div 2 + 9 = 11$ _____

11 $6 + 5n = 21$ _____

12 $y \div 8 + 24 = 33$ _____

13 $m \div 5 + 1 = 6$ _____

14 $12 + 9x = 30$ _____

15 $3 + 8n = 75$ _____

16 $n \div 2 + 7 = 16$ _____

Two-step equations

1 $2y + 14 = 36$ $y = 11$

4 $12 + 9x = 66$ $x = 6$

7 $x \div 3 + 20 = 31$ $x = 33$

10 $m \div 2 + 9 = 11$ $m = 4$

13 $m \div 5 + 1 = 6$ $m = 25$

16 $n \div 2 + 7 = 16$ $n = 18$

2 $y \div 4 + 14 = 26$ $y = 48$

5 $9n + 15 = 123$ $n = 12$

8 $16 + 6m = 88$ $m = 12$

11 $6 + 5n = 21$ $n = 3$

14 $12 + 9x = 30$ $x = 2$

3 $8n + 23 = 103$ $n = 10$

6 $n \div 3 + 22 = 26$ $n = 12$

9 $2m + 3 = 25$ $m = 11$

12 $y \div 8 + 24 = 33$ $y = 72$

15 $3 + 8n = 75$ $n = 9$