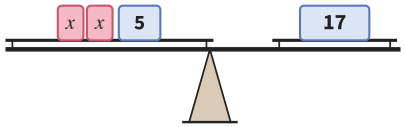
Solving two-step equations

1

Solve $2x + 5 = 17$



$2x = 12$

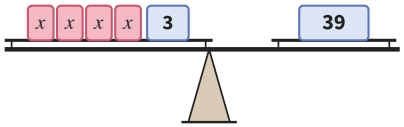
− 5 both sides

÷ 2 both sides

Answer _____

2

Solve $4x + 3 = 39$

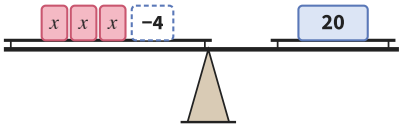


− 3 both sides

Answer _____

3

Solve $3x - 4 = 20$



Answer _____

4

Solve $7x - 2 = 26$

Answer _____

5

Solve $4x + 15 = 3$

Answer _____

6

Jo solves $3x + 9 = 24$.

She writes $x + 9 = 8$, so $x = -1$.

What has she done wrong?

Solve the equation.

Answer _____

7

Solve $\frac{x}{2} + 4 = 10$

Answer _____

8

Tom has 6 packs of stickers with p stickers in each pack, and 5 loose stickers. He has 47 stickers altogether. Solve $6p + 5 = 47$ to find p.

Answer _____

Solving two-step equations *further practice*

9

Solve $9x - 4 = 41$.

Answer _____

10

Solve $30 = 4x + 2$.

Answer _____

11

Solve $5y + 28 = 8$.

Answer _____

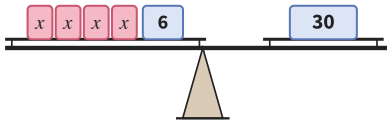
12

I think of a number. I divide it by 5, then take away 2. The answer is 4.
What is my number?

Answer _____

13

The balance shows an equation.
Write the equation, then solve it.



Answer _____

14

Solve $4x - 3 = 7$.

Answer _____

15

Ana buys 4 cinema tickets that cost £t each, and a £7 bag of popcorn.
She pays £39 altogether.
Solve $4t + 7 = 39$ to find the price of one ticket.

Answer _____

16

Mia says $7x + 2 = 30$ and $7x - 2 = 26$ have the same answer. Is she right?
Show how you know.

Answer _____