

Solve It with Addition and Subtraction

Name _____

HW

Solve each of the following equations. Show all your work.

Add the same value to each side.

$$\begin{array}{r} x - 6 = 3 \\ + 6 \quad + 6 \\ \hline x = 9 \end{array}$$

Or subtract the same value from each side.

$$\begin{array}{r} x + 2 = 7 \\ - 2 \quad - 2 \\ \hline x = 5 \end{array}$$

1. $x + 4 = 5, x =$ _____

2. $x + 8 = 12, x =$ _____

3. $x + 5 = 5, x =$ _____

4. $x + 2 = 11, x =$ _____

5. $x + 6 = 21, x =$ _____

6. $5 + x = 8, x =$ _____

7. $4 + x = 13, x =$ _____

8. $9 + x = 13, x =$ _____

9. $5 + x = 26, x =$ _____

10. $6 + x = 19, x =$ _____

11. $x - 5 = 12, x =$ _____

12. $x - 4 = 7, x =$ _____

13. $x - 8 = 13, x =$ _____

14. $x - 3 = 14, x =$ _____

15. $x - 10 = 30, x =$ _____

16. $x + 45 = 75, x =$ _____

17. $x - 48 = 50, x =$ _____

18. $35 + x = 45, x =$ _____

19. $29 + x = 49, x =$ _____

20. $x - 23 = 50, x =$ _____

Solve one-step equations using addition or subtraction