Task card 1 Equations with Variables on Both S...

$$4x + 12 = 7x + 36$$

Task card 2 Equations with Variables on Both S...

$$-(x - 9) = 4x - 6$$

Task card 3 Equations with Variables on Both S...

$$-x + 4 = 4x - 1$$

Task card 4 Equations with Variables on Both S...

$$-7(x - 7) = 7x + 49$$

Task card 5 Equations with Variables on Both S...

$$-5x - 5 = -x - 29$$

Task card 6 Equations with Variables on Both S...

$$-6(x - 4) = 7x + 128$$

Task card 7 Equations with Variables on Both S...

$$-4x - 6 = -6x - 14$$

Task card 8 Equations with Variables on Both S...

$$-5(x - 3) = 6x - 40$$

Task card 9 Equations with Variables on Both S...

$$6x - 14 = 7x - 8$$

Task card 10 Equations with Variables on Both S...

$$-6(x + 1) = -5x - 5$$

Task card 11 Equations with Variables on Both S...

$$3(x - 1) = -(x + 7) + 20$$

Task card 12 Equations with Variables on Both S...

$$7x + 2 - 9x = -4x + 10$$

Task card 13 Equations with Variables on Both S...

$$-2x = 6x - 48$$

Task card 14 Equations with Variables on Both S...

$$8(x + 8) = -6x + 148$$

Task card 15 Equations with Variables on Both S...

$$-(x + 7) = -2(x - 3) - 21$$

Task card 16 Equations with Variables on Both S...

$$4x - 11 + 4x = -6x + 101$$

Task card 17 Equations with Variables on Both S...

$$2x - 9 = -3x + 11$$

Task card 18 Equations with Variables on Both S...

$$-3(x - 3) = -x + 21$$

Task card 19 Equations with Variables on Both S...

$$(x + 1) = -9(x - 6) + 47$$

Task card 20 Equations with Variables on Both S...

$$5x + 10 - 2x = -x - 14$$

Task card 21 Equations with Variables on Both S...

$$-6x - 7 = 8x + 7$$

Task card 22 Equations with Variables on Both S...

$$-4(x + 8) = x - 42$$

Task card 23 Equations with Variables on Both S...

$$-3(x - 7) = -8(x + 5) + 81$$

Task card 24 Equations with Variables on Both S...

$$3x - 3 - 10x = -2x - 33$$

Equations with Variables on Both Sides Task Cards

Recording sheet · Grade 8 · Solve each equation for x.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Equations with Variables on Both Sides Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. x = -8	**2.** x = 3	**3.** x = 1
4. x = 0	**5.** x = 6	**6.** x = -8
7. x = -4	**8.** x = 5	**9.** x = -6
10. x = -1	**11.** x = 4	**12.** x = 4
13. x = 6	**14.** x = 6	**15.** x = -8
16. x = 8	**17.** x = 4	**18.** x = -6
19. x = 10	**20.** x = -6	**21.** x = -1
22. x = 2	**23.** x = 4	**24.** x = 6