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

$$8(x + 9) = -7x - 3$$

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

$$-8(x + 7) = 7(x + 7) - 105$$

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

$$-9x + 5 + 11x = -3x + 45$$

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

$$2(x - 6) = 3(x - 7) + 1$$

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

$$-7(x - 7) = 9x - 15$$

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

$$2(x - 5) = -8(x + 5) + 90$$

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

$$-x + 5 + 10x = 5x + 33$$

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

$$-3(x - 2) = 2(x + 8) + 45$$

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

$$-8(x - 1) = 7x + 23$$

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

$$-(x - 8) = -9(x + 3) + 123$$

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

$$-3x - 11 - 2x = -4x - 13$$

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

$$4(x + 6) = -3(x - 7) - 39$$

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

$$7(x - 9) = 3x - 79$$

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

$$7(x + 5) = -(x - 6) + 69$$

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

$$x - 1 - 9x = -3x + 14$$

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

$$4(x - 5) = 8(x - 4) + 4$$

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

$$7(x - 2) = -2x + 76$$

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

$$-7(x + 2) = 4(x + 1) + 15$$

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

$$-5x + 8 + 14x = -4x - 96$$

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

$$4(x - 7) = 2(x + 8) - 58$$

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

$$(x + 9) = -2x + 27$$

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

$$3(x - 2) = 4(x - 6) + 29$$

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

$$-7x + 2 + 13x = -6x - 22$$

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

$$5(x + 3) = -2(x + 7) + 78$$

Equations with Variables on Both Sides Task Cards

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

Scan to check your answers

Name: _____ Date: _____

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 · Hard

The answers online

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