Task card 1 Hanger Diagrams & Balanced Equatio...

$$-4x - 6 = 10$$

Task card 2 Hanger Diagrams & Balanced Equatio...

$$3x + 10 = 34$$

Task card 3 Hanger Diagrams & Balanced Equatio...

$$4(x + 7) = 36$$

Task card 4 Hanger Diagrams & Balanced Equatio...

$$2x + 2 = -6$$

Task card 5 Hanger Diagrams & Balanced Equatio...

$$5x + 11 = 16$$

Task card 6 Hanger Diagrams & Balanced Equatio...

$$3(x + 3) = 12$$

Task card 7 Hanger Diagrams & Balanced Equatio...

$$4x + 1 = 5$$

Task card 8 Hanger Diagrams & Balanced Equatio...

$$5x - 5 = -15$$

Task card 9 Hanger Diagrams & Balanced Equatio...

$$3x - 5 = -2$$

Task card 10 Hanger Diagrams & Balanced Equatio...

$$6(x + 1.5) = 33$$

Task card 11 Hanger Diagrams & Balanced Equatio...

$$6(x + 0.5) = 9$$

Task card 12 Hanger Diagrams & Balanced Equatio...

$$2(x + 0.5) = 6$$

Task card 13 Hanger Diagrams & Balanced Equatio...

$$2(x + 1) = 10$$

Task card 14 Hanger Diagrams & Balanced Equatio...

$$3(x + 10) = 39$$

Task card 15 Hanger Diagrams & Balanced Equatio...

$$6(x + 8) = 78$$

Task card 16 Hanger Diagrams & Balanced Equatio...

$$5(x + 3) = 20$$

Task card 17 Hanger Diagrams & Balanced Equatio...

$$3x - 6 = -9$$

Task card 18 Hanger Diagrams & Balanced Equatio...

$$3(x + 2.5) = 18$$

Task card 19 Hanger Diagrams & Balanced Equatio...

$$4(x + 3) = 18$$

Task card 20 Hanger Diagrams & Balanced Equatio...

$$3(x + 8) = 48$$

Task card 21 Hanger Diagrams & Balanced Equatio...

$$-2x - 4 = -20$$

Task card 22 Hanger Diagrams & Balanced Equatio...

$$2x - 2 = 6$$

Task card 23 Hanger Diagrams & Balanced Equatio...

$$6x + 6 = 60$$

Task card 24 Hanger Diagrams & Balanced Equatio...

$$4x + 7 = 43$$

Hanger Diagrams & Balanced Equations Task Cards

Recording sheet · Grade 7 · The hanger is balanced, so both sides weigh the same. Write the equation in your head and find 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

Hanger Diagrams & Balanced Equations Task Cards: Answer Key

Grade 7 · Hard

The answers online

1. -4	**2.** 8	**3.** 2
4. -4	**5.** 1	**6.** 1
7. 1	**8.** -2	**9.** 1
10. 4	**11.** 1	**12.** 2.5
13. 4	**14.** 3	**15.** 5
16. 1	**17.** -1	**18.** 3.5
19. 1.5	**20.** 8	**21.** 8
22. 4	**23.** 9	**24.** 9