Task card 1 One, No, or Infinitely Many Soluti...

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

Task card 2 One, No, or Infinitely Many Soluti...

$$3(x - 6) = 3x - 18$$

Task card 3 One, No, or Infinitely Many Soluti...

$$-7(x + 1) = -7(x + 6) + 35$$

Task card 4 One, No, or Infinitely Many Soluti...

$$6(x - 4) = -24 + 6x$$

Task card 5 One, No, or Infinitely Many Soluti...

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

Task card 6 One, No, or Infinitely Many Soluti...

$$-3(x + 8) = -6x + 12$$

Task card 7 One, No, or Infinitely Many Soluti...

$$6(x + 5) = 28 + 6x$$

Task card 8 One, No, or Infinitely Many Soluti...

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

Task card 9 One, No, or Infinitely Many Soluti...

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

Task card 10 One, No, or Infinitely Many Soluti...

$$2(x + 2) - x = x + 4$$

Task card 11 One, No, or Infinitely Many Soluti...

$$5(x - 3) = x - 8$$

Task card 12 One, No, or Infinitely Many Soluti...

$$8(x + 6) - 3x = 48 + 5x$$

Task card 13 One, No, or Infinitely Many Soluti...

$$6(x - 7) = 6(x - 1) - 36$$

Task card 14 One, No, or Infinitely Many Soluti...

$$8(x - 8) + 6x = -69 + 14x$$

Task card 15 One, No, or Infinitely Many Soluti...

$$8(x - 1) = -7(x - 2) - 6$$

Task card 16 One, No, or Infinitely Many Soluti...

$$5(x - 3) - 2x = 3(x + 6) - 37$$

Task card 17 One, No, or Infinitely Many Soluti...

$$(x + 1) = -3x - 5$$

Task card 18 One, No, or Infinitely Many Soluti...

$$8(x - 4) + 9x = 17(x - 5) + 53$$

Task card 19 One, No, or Infinitely Many Soluti...

$$7(x + 3) = 7(x - 6) + 69$$

Task card 20 One, No, or Infinitely Many Soluti...

$$3(x + 1) + 3x = 6x + 3$$

Task card 21 One, No, or Infinitely Many Soluti...

$$-9(x + 2) = 6x - 4$$

Task card 22 One, No, or Infinitely Many Soluti...

$$9(x + 7) - 6x = 3x + 57$$

Task card 23 One, No, or Infinitely Many Soluti...

$$7(x - 3) = -3(x - 1) - 17$$

Task card 24 One, No, or Infinitely Many Soluti...

$$6(x - 5) - 4x = -35 + 2x$$

One, No, or Infinitely Many Solutions Task Cards

Recording sheet · Grade 8 · Write "one solution", "no solution", or "infinitely many solutions" for each equation.

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

One, No, or Infinitely Many Solutions Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. no solution	**2.** infinitely many solutions	**3.** infinitely many solutions
4. infinitely many solutions	**5.** no solution	**6.** one solution
7. no solution	**8.** one solution	**9.** no solution
10. infinitely many solutions	**11.** one solution	**12.** infinitely many solutions
13. infinitely many solutions	**14.** no solution	**15.** one solution
16. no solution	**17.** one solution	**18.** infinitely many solutions
19. no solution	**20.** infinitely many solutions	**21.** one solution
22. no solution	**23.** one solution	**24.** no solution