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

$$3x - 3 = 14 - 2x$$

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

$$-3x - 6 = -9 - 3x$$

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

$$x - 10 = -1 + x$$

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

$$x - 8 = -8 + x$$

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

$$3x - 3 = 2 + x$$

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

$$3x + 1 = 1 + 3x$$

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

$$-3x + 7 = 12 - 3x$$

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

$$2x - 3 = 2x$$

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

$$-x + 5 = 5 - x$$

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

$$x + 8 = -9 + 5x$$

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

$$-2x + 3 = 8 - 2x$$

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

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

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

$$3x - 8 = -7 + 3x$$

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

$$4x - 8 = -3 + 5x$$

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

$$-3x + 7 = -6 - 2x$$

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

$$3x - 7 = -7 + 3x$$

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

$$-(x - 3) = -(x + 1) + 12$$

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

$$-6(x - 7) = -6x + 51$$

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

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

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

$$3(x + 4) = 3x + 16$$

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

$$3(x + 4) = 3x + 12$$

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

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

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

$$3(x - 2) = -13 + 5x$$

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

$$-2(x - 6) = 12 - 2x$$

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 · Easy

The answers online

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