Task card 1 Linear or Nonlinear? (Equations)

Is the function $y = 2^x$ linear or nonlinear?

Task card 2 Linear or Nonlinear? (Equations)

Is the function $y = x^2 + 9$ linear or nonlinear?

Task card 3 Linear or Nonlinear? (Equations)

Is the function $y = 3 - 7x$ linear or nonlinear?

Task card 4 Linear or Nonlinear? (Equations)

Is the function $y = 5^x$ linear or nonlinear?

Task card 5 Linear or Nonlinear? (Equations)

Is the function $y = 6^x$ linear or nonlinear?

Task card 6 Linear or Nonlinear? (Equations)

Is the function $y = \frac{x}{4} + 2$ linear or nonlinear?

Task card 7 Linear or Nonlinear? (Equations)

Is the function $y = -4 - 4x$ linear or nonlinear?

Task card 8 Linear or Nonlinear? (Equations)

Is the function $y = x^2 - 4$ linear or nonlinear?

Task card 9 Linear or Nonlinear? (Equations)

Is the function $y = -9$ linear or nonlinear?

Task card 10 Linear or Nonlinear? (Equations)

Is the function $y = x^3$ linear or nonlinear?

Task card 11 Linear or Nonlinear? (Equations)

Is the function $y = 1 + 2x$ linear or nonlinear?

Task card 12 Linear or Nonlinear? (Equations)

Is the function $y = 4 + 3x$ linear or nonlinear?

Task card 13 Linear or Nonlinear? (Equations)

Is the function $y = 2x - 6$ linear or nonlinear?

Task card 14 Linear or Nonlinear? (Equations)

Is the function $y = -7x + 2$ linear or nonlinear?

Task card 15 Linear or Nonlinear? (Equations)

Is the function $y = \frac{6}{x}$ linear or nonlinear?

Task card 16 Linear or Nonlinear? (Equations)

Is the function $y = \frac{x}{3} + 2$ linear or nonlinear?

Task card 17 Linear or Nonlinear? (Equations)

Is the function $y = \frac{4}{x}$ linear or nonlinear?

Task card 18 Linear or Nonlinear? (Equations)

Is the function $y = 6x - 5$ linear or nonlinear?

Task card 19 Linear or Nonlinear? (Equations)

Is the function $y = \frac{x}{2} - 6$ linear or nonlinear?

Task card 20 Linear or Nonlinear? (Equations)

Is the function $y = x^2 - 1$ linear or nonlinear?

Task card 21 Linear or Nonlinear? (Equations)

Is the function $y = -2x + 6$ linear or nonlinear?

Task card 22 Linear or Nonlinear? (Equations)

Is the function $y = \frac{x}{3} + 9$ linear or nonlinear?

Task card 23 Linear or Nonlinear? (Equations)

Is the function $y = -9 - 9x$ linear or nonlinear?

Task card 24 Linear or Nonlinear? (Equations)

Is the function $y = -3$ linear or nonlinear?

Linear or Nonlinear? (Equations) Task Cards

Recording sheet · Grade 8 · Write "linear" or "nonlinear" for each equation.

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

Linear or Nonlinear? (Equations) Task Cards: Answer Key

Grade 8 · Medium

The answers online

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