Task card 1 Linear or Exponential? Tables, Equ...

A plant grows 5 cm taller every week. Is this change linear or exponential?

Task card 2 Linear or Exponential? Tables, Equ...

Is $y = 6 + 4x$ linear or exponential?

Task card 3 Linear or Exponential? Tables, Equ...

A car loses 20% of its value every year. Is this change linear or exponential?

Task card 4 Linear or Exponential? Tables, Equ...

Is $y = 6^x + 8$ linear or exponential?

Task card 5 Linear or Exponential? Tables, Equ...

The number of people who have seen a video triples every day. Is this change linear or exponential?

Task card 6 Linear or Exponential? Tables, Equ...

Is $y = 4^x + 8$ linear or exponential?

Task card 7 Linear or Exponential? Tables, Equ...

A bank account earns 3% interest every year. Is this change linear or exponential?

Task card 8 Linear or Exponential? Tables, Equ...

Is $y = 9 + 2x$ linear or exponential?

Task card 9 Linear or Exponential? Tables, Equ...

A taxi charges $3 to start plus $3 for every mile. Is this change linear or exponential?

Task card 10 Linear or Exponential? Tables, Equ...

Is $y = 4x - 2$ linear or exponential?

Task card 11 Linear or Exponential? Tables, Equ...

A candle gets 3 mm shorter every hour. Is this change linear or exponential?

Task card 12 Linear or Exponential? Tables, Equ...

Is $y = 800(0.9)^x$ linear or exponential?

Task card 13 Linear or Exponential? Tables, Equ...

Is $y = 5x + 3$ linear or exponential?

Task card 14 Linear or Exponential? Tables, Equ...

A car loses 40% of its value every year. Is this change linear or exponential?

Task card 15 Linear or Exponential? Tables, Equ...

Is $y = 6(2)^x$ linear or exponential?

Task card 16 Linear or Exponential? Tables, Equ...

Is $y = 7 + 6x$ linear or exponential?

Task card 17 Linear or Exponential? Tables, Equ...

A taxi charges $3 to start plus $4 for every mile. Is this change linear or exponential?

Task card 18 Linear or Exponential? Tables, Equ...

Is $y = 5^x$ linear or exponential?

Task card 19 Linear or Exponential? Tables, Equ...

A candle gets 4 mm shorter every hour. Is this change linear or exponential?

Task card 20 Linear or Exponential? Tables, Equ...

Is $y = 9 + 3x$ linear or exponential?

Task card 21 Linear or Exponential? Tables, Equ...

A bank account earns 5% interest every year. Is this change linear or exponential?

Task card 22 Linear or Exponential? Tables, Equ...

Is $y = 200(0.9)^x$ linear or exponential?

Task card 23 Linear or Exponential? Tables, Equ...

The amount of medicine in the blood halves every 6 hours. Is this change linear or exponential?

Task card 24 Linear or Exponential? Tables, Equ...

Is $y = 6^x + 6$ linear or exponential?

Linear or Exponential? Tables, Equations & Stories Task Cards

Recording sheet · Grade 9 · Write linear or exponential, or answer the question. Write functions like y = 2x + 3 or y = 3(2)^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

Linear or Exponential? Tables, Equations & Stories Task Cards: Answer Key

Grade 9 · Easy

The answers online

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