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

A taxi charges $3 to start plus $5 for every mile. Is this change linear or exponential?

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

Plan A: start with $50 and add $25 each week. Plan B: start with $3 and double it each week. Which plan has more money after 8 weeks? Write A or B.

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

Plan A: start with $80 and add $15 each week. Plan B: start with $3 and double it each week. Which plan has more money after 8 weeks? Write A or B.

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

A candle gets 2 mm shorter every hour. Is this change linear or exponential?

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

Plan A: start with $80 and add $15 each week. Plan B: start with $1 and double it each week. Which plan has more money after 5 weeks? Write A or B.

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

Plan A: start with $20 and add $20 each week. Plan B: start with $1 and double it each week. Which plan has more money after 7 weeks? Write A or B.

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

A tank loses 5 liters of water every minute. Is this change linear or exponential?

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

Plan A: start with $100 and add $10 each week. Plan B: start with $3 and double it each week. Which plan has more money after 5 weeks? Write A or B.

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

Plan A: start with $60 and add $10 each week. Plan B: start with $5 and double it each week. Which plan has more money after 4 weeks? Write A or B.

Task card 10 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 11 Linear or Exponential? Tables, Equ...

Plan A: start with $90 and add $25 each week. Plan B: start with $1 and double it each week. Which plan has more money after 4 weeks? Write A or B.

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

Plan A: start with $40 and add $25 each week. Plan B: start with $5 and double it each week. Which plan has more money after 4 weeks? Write A or B.

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

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

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

Plan A: start with $30 and add $15 each week. Plan B: start with $3 and double it each week. Which plan has more money after 4 weeks? Write A or B.

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

Plan A: start with $90 and add $25 each week. Plan B: start with $2 and double it each week. Which plan has more money after 5 weeks? Write A or B.

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

A plant grows 3 cm taller every week. Is this change linear or exponential?

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

Plan A: start with $90 and add $30 each week. Plan B: start with $5 and double it each week. Which plan has more money after 7 weeks? Write A or B.

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

Plan A: start with $50 and add $15 each week. Plan B: start with $3 and double it each week. Which plan has more money after 6 weeks? Write A or B.

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

Plan A: start with $80 and add $10 each week. Plan B: start with $2 and double it each week. Which plan has more money after 6 weeks? Write A or B.

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

Plan A: start with $100 and add $20 each week. Plan B: start with $3 and double it each week. Which plan has more money after 8 weeks? Write A or B.

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

A taxi charges $3 to start plus $2 for every mile. Is this change linear or exponential?

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

Plan A: start with $60 and add $30 each week. Plan B: start with $5 and double it each week. Which plan has more money after 6 weeks? Write A or B.

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

Plan A: start with $70 and add $30 each week. Plan B: start with $5 and double it each week. Which plan has more money after 5 weeks? Write A or B.

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

A bank account earns 5% interest every year. Is this change 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 · Hard

The answers online

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