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

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.

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.

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

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.

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.

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

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.

Linear or Exponential? Tables, Equations & Stories · 2

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 1

ANSWER

linear

Linear or Exponential? Tables, Equations & Stories · 4

ANSWER

linear

Linear or Exponential? Tables, Equations & Stories · 3

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 6

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 5

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 8

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 7

ANSWER

linear

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.

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

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.

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.

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

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.

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.

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

Linear or Exponential? Tables, Equations & Stories · 10

ANSWER

exponential

Linear or Exponential? Tables, Equations & Stories · 9

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 12

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 11

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 14

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 13

ANSWER

exponential

Linear or Exponential? Tables, Equations & Stories · 16

ANSWER

linear

Linear or Exponential? Tables, Equations & Stories · 15

ANSWER

A

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.

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.

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.

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.

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

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.

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.

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

Linear or Exponential? Tables, Equations & Stories · 18

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 17

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 20

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 19

ANSWER

A

Linear or Exponential? Tables, Equations & Stories · 22

ANSWER

B

Linear or Exponential? Tables, Equations & Stories · 21

ANSWER

linear

Linear or Exponential? Tables, Equations & Stories · 24

ANSWER

exponential

Linear or Exponential? Tables, Equations & Stories · 23

ANSWER

A