Writing a Linear Function from a Word Problem · 1

The water left in liters changes at a constant rate. After 4 minutes it is 382, and after 8 minutes it is 318. Write an equation for y, the water left in liters, after x minutes.

Writing a Linear Function from a Word Problem · 2

The total cost in dollars changes at a constant rate. After 1 month it is 119, and after 3 months it is 183. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 3

The money left on the card in dollars changes at a constant rate. After 1 coffee it is 69, and after 4 coffees it is 54. Write an equation for y, the money left on the card in dollars, after x coffees.

Writing a Linear Function from a Word Problem · 4

The total cost in dollars changes at a constant rate. After 2 months it is 124, and after 6 months it is 224. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 5

The battery level in percent changes at a constant rate. After 4 hours it is 66, and after 6 hours it is 52. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 6

The height of the sunflower in cm changes at a constant rate. After 3 weeks it is 47, and after 7 weeks it is 71. Write an equation for y, the height of the sunflower in cm, after x weeks.

Writing a Linear Function from a Word Problem · 7

The battery level in percent changes at a constant rate. After 2 hours it is 82, and after 7 hours it is 57. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 8

The fare in dollars changes at a constant rate. After 1 mile it is 8, and after 6 miles it is 23. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 2

ANSWER

$y = 32x + 87$

Writing a Linear Function from a Word Problem · 1

ANSWER

$y = -16x + 446$

Writing a Linear Function from a Word Problem · 4

ANSWER

$y = 25x + 74$

Writing a Linear Function from a Word Problem · 3

ANSWER

$y = -5x + 74$

Writing a Linear Function from a Word Problem · 6

ANSWER

$y = 6x + 29$

Writing a Linear Function from a Word Problem · 5

ANSWER

$y = -7x + 94$

Writing a Linear Function from a Word Problem · 8

ANSWER

$y = 3x + 5$

Writing a Linear Function from a Word Problem · 7

ANSWER

$y = -5x + 92$

Writing a Linear Function from a Word Problem · 9

The height of the candle in cm changes at a constant rate. After 2 hours it is 32, and after 5 hours it is 20. Write an equation for y, the height of the candle in cm, after x hours.

Writing a Linear Function from a Word Problem · 10

The total cost in dollars changes at a constant rate. After 1 month it is 55, and after 3 months it is 97. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 11

The plane's height in meters changes at a constant rate. After 2 minutes it is 3342, and after 7 minutes it is 2257. Write an equation for y, the plane's height in meters, after x minutes.

Writing a Linear Function from a Word Problem · 12

The charge in dollars changes at a constant rate. After 1 hour it is 119, and after 5 hours it is 279. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 13

The battery level in percent changes at a constant rate. After 4 hours it is 81, and after 7 hours it is 72. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 14

The total cost in dollars changes at a constant rate. After 3 months it is 104, and after 8 months it is 169. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 15

The battery level in percent changes at a constant rate. After 1 hour it is 90, and after 4 hours it is 60. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 16

The height of the sunflower in cm changes at a constant rate. After 1 week it is 22, and after 5 weeks it is 46. Write an equation for y, the height of the sunflower in cm, after x weeks.

Writing a Linear Function from a Word Problem · 10

ANSWER

$y = 21x + 34$

Writing a Linear Function from a Word Problem · 9

ANSWER

$y = -4x + 40$

Writing a Linear Function from a Word Problem · 12

ANSWER

$y = 40x + 79$

Writing a Linear Function from a Word Problem · 11

ANSWER

$y = -217x + 3776$

Writing a Linear Function from a Word Problem · 14

ANSWER

$y = 13x + 65$

Writing a Linear Function from a Word Problem · 13

ANSWER

$y = -3x + 93$

Writing a Linear Function from a Word Problem · 16

ANSWER

$y = 6x + 16$

Writing a Linear Function from a Word Problem · 15

ANSWER

$y = -10x + 100$

Writing a Linear Function from a Word Problem · 17

The plane's height in meters changes at a constant rate. After 2 minutes it is 4939, and after 4 minutes it is 4531. Write an equation for y, the plane's height in meters, after x minutes.

Writing a Linear Function from a Word Problem · 18

The amount saved in dollars changes at a constant rate. After 2 weeks it is 59, and after 7 weeks it is 89. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 19

The battery level in percent changes at a constant rate. After 4 hours it is 66, and after 8 hours it is 34. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 20

The charge in dollars changes at a constant rate. After 2 hours it is 188, and after 5 hours it is 362. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 21

The height of the candle in cm changes at a constant rate. After 4 hours it is 24, and after 8 hours it is 8. Write an equation for y, the height of the candle in cm, after x hours.

Writing a Linear Function from a Word Problem · 22

The height of the sunflower in cm changes at a constant rate. After 3 weeks it is 36, and after 6 weeks it is 45. Write an equation for y, the height of the sunflower in cm, after x weeks.

Writing a Linear Function from a Word Problem · 23

The battery level in percent changes at a constant rate. After 3 hours it is 70, and after 7 hours it is 30. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 24

The total cost in dollars changes at a constant rate. After 3 months it is 99, and after 7 months it is 187. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 18

ANSWER

$y = 6x + 47$

Writing a Linear Function from a Word Problem · 17

ANSWER

$y = -204x + 5347$

Writing a Linear Function from a Word Problem · 20

ANSWER

$y = 58x + 72$

Writing a Linear Function from a Word Problem · 19

ANSWER

$y = -8x + 98$

Writing a Linear Function from a Word Problem · 22

ANSWER

$y = 3x + 27$

Writing a Linear Function from a Word Problem · 21

ANSWER

$y = -4x + 40$

Writing a Linear Function from a Word Problem · 24

ANSWER

$y = 22x + 33$

Writing a Linear Function from a Word Problem · 23

ANSWER

$y = -10x + 100$