Writing a Linear Function from a Word Problem · 1

A tank holds 468 liters of water and drains 6 liters every minute. Write an equation for y, the water left in liters, after x minutes.

Writing a Linear Function from a Word Problem · 2

A gift card has $63 on it, and each coffee bought costs $4. Write an equation for y, the money left on the card in dollars, after x coffees.

Writing a Linear Function from a Word Problem · 3

A plane is flying at 3220 meters and comes down 266 meters every minute. Write an equation for y, the plane's height in meters, after x minutes.

Writing a Linear Function from a Word Problem · 4

Sam has $148 saved and adds $12 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 5

A phone battery is at 94% and loses 8% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 6

A plane is flying at 4711 meters and comes down 207 meters every minute. Write an equation for y, the plane's height in meters, after x minutes.

Writing a Linear Function from a Word Problem · 7

A tank holds 487 liters of water and drains 7 liters every minute. Write an equation for y, the water left in liters, after x minutes.

Writing a Linear Function from a Word Problem · 8

Sam has $129 saved and adds $17 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 2

ANSWER

$y = -4x + 63$

Writing a Linear Function from a Word Problem · 1

ANSWER

$y = -6x + 468$

Writing a Linear Function from a Word Problem · 4

ANSWER

$y = 12x + 148$

Writing a Linear Function from a Word Problem · 3

ANSWER

$y = -266x + 3220$

Writing a Linear Function from a Word Problem · 6

ANSWER

$y = -207x + 4711$

Writing a Linear Function from a Word Problem · 5

ANSWER

$y = -8x + 94$

Writing a Linear Function from a Word Problem · 8

ANSWER

$y = 17x + 129$

Writing a Linear Function from a Word Problem · 7

ANSWER

$y = -7x + 487$

Writing a Linear Function from a Word Problem · 9

A tank holds 448 liters of water and drains 12 liters every minute. Write an equation for y, the water left in liters, after x minutes.

Writing a Linear Function from a Word Problem · 10

A phone battery is at 97% and loses 3% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 11

A candle is 30 cm tall and burns down 3 cm every hour. Write an equation for y, the height of the candle in cm, after x hours.

Writing a Linear Function from a Word Problem · 12

A sunflower is 21 cm tall and grows 5 cm every week. Write an equation for y, the height of the sunflower in cm, after x weeks.

Writing a Linear Function from a Word Problem · 13

A tank holds 521 liters of water and drains 14 liters every minute. Write an equation for y, the water left in liters, after x minutes.

Writing a Linear Function from a Word Problem · 14

A phone battery is at 97% and loses 5% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 15

A phone battery is at 100% and loses 6% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 16

A gym charges a $30 sign-up fee plus $22 per month. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 10

ANSWER

$y = -3x + 97$

Writing a Linear Function from a Word Problem · 9

ANSWER

$y = -12x + 448$

Writing a Linear Function from a Word Problem · 12

ANSWER

$y = 5x + 21$

Writing a Linear Function from a Word Problem · 11

ANSWER

$y = -3x + 30$

Writing a Linear Function from a Word Problem · 14

ANSWER

$y = -5x + 97$

Writing a Linear Function from a Word Problem · 13

ANSWER

$y = -14x + 521$

Writing a Linear Function from a Word Problem · 16

ANSWER

$y = 22x + 30$

Writing a Linear Function from a Word Problem · 15

ANSWER

$y = -6x + 100$

Writing a Linear Function from a Word Problem · 17

A phone battery is at 90% and loses 3% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 18

A gift card has $60 on it, and each coffee bought costs $6. Write an equation for y, the money left on the card in dollars, after x coffees.

Writing a Linear Function from a Word Problem · 19

A phone battery is at 94% and loses 7% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 20

A plumber charges $78 for a visit plus $37 per hour. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 21

A plane is flying at 5287 meters and comes down 221 meters every minute. Write an equation for y, the plane's height in meters, after x minutes.

Writing a Linear Function from a Word Problem · 22

A phone battery is at 98% and loses 9% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 23

A phone battery is at 99% and loses 9% every hour. Write an equation for y, the battery level in percent, after x hours.

Writing a Linear Function from a Word Problem · 24

Sam has $75 saved and adds $10 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 18

ANSWER

$y = -6x + 60$

Writing a Linear Function from a Word Problem · 17

ANSWER

$y = -3x + 90$

Writing a Linear Function from a Word Problem · 20

ANSWER

$y = 37x + 78$

Writing a Linear Function from a Word Problem · 19

ANSWER

$y = -7x + 94$

Writing a Linear Function from a Word Problem · 22

ANSWER

$y = -9x + 98$

Writing a Linear Function from a Word Problem · 21

ANSWER

$y = -221x + 5287$

Writing a Linear Function from a Word Problem · 24

ANSWER

$y = 10x + 75$

Writing a Linear Function from a Word Problem · 23

ANSWER

$y = -9x + 99$