Writing a Linear Function from a Word Problem · 1

A pool holds 150 liters of water, and a hose adds 37 liters every minute. Write an equation for y, the water in the pool in liters, after x minutes.

Writing a Linear Function from a Word Problem · 2

A gym charges a $58 sign-up fee plus $40 per month. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 3

A plumber charges $69 for a visit plus $45 per hour. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 4

A taxi ride costs $4 plus $2 per mile. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 5

Sam has $131 saved and adds $14 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 6

A pool holds 168 liters of water, and a hose adds 17 liters every minute. Write an equation for y, the water in the pool in liters, after x minutes.

Writing a Linear Function from a Word Problem · 7

A taxi ride costs $4 plus $5 per mile. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 8

A sunflower is 23 cm tall and grows 4 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 · 2

ANSWER

$y = 40x + 58$

Writing a Linear Function from a Word Problem · 1

ANSWER

$y = 37x + 150$

Writing a Linear Function from a Word Problem · 4

ANSWER

$y = 2x + 4$

Writing a Linear Function from a Word Problem · 3

ANSWER

$y = 45x + 69$

Writing a Linear Function from a Word Problem · 6

ANSWER

$y = 17x + 168$

Writing a Linear Function from a Word Problem · 5

ANSWER

$y = 14x + 131$

Writing a Linear Function from a Word Problem · 8

ANSWER

$y = 4x + 23$

Writing a Linear Function from a Word Problem · 7

ANSWER

$y = 5x + 4$

Writing a Linear Function from a Word Problem · 9

Sam has $80 saved and adds $20 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 10

A plumber charges $60 for a visit plus $54 per hour. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 11

A taxi ride costs $5 plus $3 per mile. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 12

A gym charges a $68 sign-up fee plus $44 per month. Write an equation for y, the total cost in dollars, after x months.

Writing a Linear Function from a Word Problem · 13

A plumber charges $86 for a visit plus $38 per hour. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 14

Sam has $79 saved and adds $18 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 15

A taxi ride costs $6 plus $3 per mile. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 16

A gym charges a $41 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

$y = 54x + 60$

Writing a Linear Function from a Word Problem · 9

ANSWER

$y = 20x + 80$

Writing a Linear Function from a Word Problem · 12

ANSWER

$y = 44x + 68$

Writing a Linear Function from a Word Problem · 11

ANSWER

$y = 3x + 5$

Writing a Linear Function from a Word Problem · 14

ANSWER

$y = 18x + 79$

Writing a Linear Function from a Word Problem · 13

ANSWER

$y = 38x + 86$

Writing a Linear Function from a Word Problem · 16

ANSWER

$y = 22x + 41$

Writing a Linear Function from a Word Problem · 15

ANSWER

$y = 3x + 6$

Writing a Linear Function from a Word Problem · 17

A sunflower is 36 cm tall and grows 9 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 · 18

A gym charges a $63 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 · 19

A taxi ride costs $5 plus $4 per mile. Write an equation for y, the fare in dollars, after x miles.

Writing a Linear Function from a Word Problem · 20

Sam has $34 saved and adds $14 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 21

Sam has $112 saved and adds $25 every week. Write an equation for y, the amount saved in dollars, after x weeks.

Writing a Linear Function from a Word Problem · 22

A plumber charges $108 for a visit plus $59 per hour. Write an equation for y, the charge in dollars, after x hours.

Writing a Linear Function from a Word Problem · 23

A pool holds 310 liters of water, and a hose adds 27 liters every minute. Write an equation for y, the water in the pool in liters, after x minutes.

Writing a Linear Function from a Word Problem · 24

A pool holds 326 liters of water, and a hose adds 12 liters every minute. Write an equation for y, the water in the pool in liters, after x minutes.

Writing a Linear Function from a Word Problem · 18

ANSWER

$y = 22x + 63$

Writing a Linear Function from a Word Problem · 17

ANSWER

$y = 9x + 36$

Writing a Linear Function from a Word Problem · 20

ANSWER

$y = 14x + 34$

Writing a Linear Function from a Word Problem · 19

ANSWER

$y = 4x + 5$

Writing a Linear Function from a Word Problem · 22

ANSWER

$y = 59x + 108$

Writing a Linear Function from a Word Problem · 21

ANSWER

$y = 25x + 112$

Writing a Linear Function from a Word Problem · 24

ANSWER

$y = 12x + 326$

Writing a Linear Function from a Word Problem · 23

ANSWER

$y = 27x + 310$