Word Problems · 1

Rae saves $19 the first week and $3 more each week than the week before. How much has she saved in total after 6 weeks?

Word Problems · 2

A cup of tea cools so that its temperature after t minutes is $T(t) = 120 - 3t$ degrees. After how many minutes is it 60 degrees?

Word Problems · 3

A job pays $14000 in the first year, with a raise of $3000 every year after. What is the pay in year 9?

Word Problems · 4

A company's profit (in dollars) after m months is modeled by P(m) = 7m - 3. What is the profit after 10 months?

Word Problems · 5

Cans are stacked in a triangle: 1 can on top, 2 in the next row, 3 in the next, and so on. How many cans are in a stack with 6 rows?

Word Problems · 6

A phone plan costs C(g) = 20g + 6 dollars a month, where g is gigabytes used. One month the bill is $186. How many gigabytes were used?

Word Problems · 7

A ball is dropped from 16 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 3?

Word Problems · 8

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 122°F in degrees Celsius?

Word Problems · 2

ANSWER

20

Word Problems · 1

ANSWER

159

Word Problems · 4

ANSWER

67

Word Problems · 3

ANSWER

38000

Word Problems · 6

ANSWER

9

Word Problems · 5

ANSWER

21

Word Problems · 8

ANSWER

50

Word Problems · 7

ANSWER

2

Word Problems · 9

Cans are stacked in a triangle: 1 can on top, 2 in the next row, 3 in the next, and so on. How many cans are in a stack with 8 rows?

Word Problems · 10

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 59°F in degrees Celsius?

Word Problems · 11

Rae saves $10 the first week and $5 more each week than the week before. How much has she saved in total after 11 weeks?

Word Problems · 12

A cup of tea cools so that its temperature after t minutes is $T(t) = 324 - 6t$ degrees. After how many minutes is it 60 degrees?

Word Problems · 13

A ball is dropped from 80 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 4?

Word Problems · 14

A company's profit (in dollars) after m months is modeled by P(m) = 8m - 5. What is the profit after 2 months?

Word Problems · 15

A theater has 12 seats in the first row, and each row has 4 more seats than the row before it. How many seats are in row 7?

Word Problems · 16

A phone plan costs C(g) = 15g + 2 dollars a month, where g is gigabytes used. One month the bill is $17. How many gigabytes were used?

Word Problems · 10

ANSWER

15

Word Problems · 9

ANSWER

36

Word Problems · 12

ANSWER

44

Word Problems · 11

ANSWER

385

Word Problems · 14

ANSWER

11

Word Problems · 13

ANSWER

5

Word Problems · 16

ANSWER

1

Word Problems · 15

ANSWER

36

Word Problems · 17

A theater has 24 seats in the first row, and each row has 8 more seats than the row before it. How many seats are in row 8?

Word Problems · 18

A phone plan costs $C(g) = 20g + 4$ dollars a month, where g is gigabytes used. One month the bill is $224. How many gigabytes were used?

Word Problems · 19

Cans are stacked in a triangle: 1 can on top, 2 in the next row, 3 in the next, and so on. How many cans are in a stack with 7 rows?

Word Problems · 20

A cup of tea cools so that its temperature after t minutes is $T(t) = 116 - 7t$ degrees. After how many minutes is it 60 degrees?

Word Problems · 21

A job pays $25000 in the first year, with a raise of $3000 every year after. What is the pay in year 8?

Word Problems · 22

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 68°F in degrees Celsius?

Word Problems · 23

A company's profit (in dollars) after m months is modeled by $P(m) = 2m + 7$. What is the profit after 3 months?

Word Problems · 24

A job pays $25000 in the first year, with a raise of $1000 every year after. What is the pay in year 11?

Word Problems · 18

ANSWER

11

Word Problems · 17

ANSWER

80

Word Problems · 20

ANSWER

8

Word Problems · 19

ANSWER

28

Word Problems · 22

ANSWER

20

Word Problems · 21

ANSWER

46000

Word Problems · 24

ANSWER

35000

Word Problems · 23

ANSWER

13