Word Problems · 1

A theater has 14 seats in the first row, and each row has 4 more seats than the row before it. How many seats are in row 6?

Word Problems · 2

A phone plan costs $C(g) = 20g + 6$ dollars a month, where g is gigabytes used. One month the bill is $166. How many gigabytes were used?

Word Problems · 3

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 · 4

A company's profit (in dollars) after m months is modeled by $P(m) = 4m + 8$. What is the profit after 6 months?

Word Problems · 5

A job pays $10000 in the first year, with a raise of $1000 every year after. What is the pay in year 6?

Word Problems · 6

A cup of tea cools so that its temperature after t minutes is $T(t) = 220 - 4t$ degrees. After how many minutes is it 60 degrees?

Word Problems · 7

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 · 8

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is -58°F in degrees Celsius?

Word Problems · 2

ANSWER

8

Word Problems · 1

ANSWER

34

Word Problems · 4

ANSWER

32

Word Problems · 3

ANSWER

159

Word Problems · 6

ANSWER

40

Word Problems · 5

ANSWER

15000

Word Problems · 8

ANSWER

-50

Word Problems · 7

ANSWER

36

Word Problems · 9

Rae saves $11 the first week and $3 more each week than the week before. How much has she saved in total after 6 weeks?

Word Problems · 10

A phone plan costs $C(g) = 15g + 8$ dollars a month, where g is gigabytes used. One month the bill is $23. How many gigabytes were used?

Word Problems · 11

A ball is dropped from 4 feet. Each bounce reaches half the height of the one before. How high does it go on bounce 2?

Word Problems · 12

A company's profit (in dollars) after m months is modeled by $P(m) = 3m + 4$. What is the profit after 4 months?

Word Problems · 13

A theater has 15 seats in the first row, and each row has 4 more seats than the row before it. How many seats are in row 5?

Word Problems · 14

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is -49°F in degrees Celsius?

Word Problems · 15

A job pays $22000 in the first year, with a raise of $1500 every year after. What is the pay in year 9?

Word Problems · 16

A cup of tea cools so that its temperature after t minutes is $T(t) = 144 - 3t$ degrees. After how many minutes is it 60 degrees?

Word Problems · 10

ANSWER

1

Word Problems · 9

ANSWER

111

Word Problems · 12

ANSWER

16

Word Problems · 11

ANSWER

1

Word Problems · 14

ANSWER

-45

Word Problems · 13

ANSWER

31

Word Problems · 16

ANSWER

28

Word Problems · 15

ANSWER

34000

Word Problems · 17

A job pays $22000 in the first year, with a raise of $2000 every year after. What is the pay in year 5?

Word Problems · 18

A cup of tea cools so that its temperature after t minutes is $T(t) = 156 - 2t$ degrees. After how many minutes is it 60 degrees?

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 company's profit (in dollars) after m months is modeled by P(m) = 2m - 3. What is the profit after 4 months?

Word Problems · 21

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

Word Problems · 22

A phone plan costs C(g) = 25g + 8 dollars a month, where g is gigabytes used. One month the bill is $183. How many gigabytes were used?

Word Problems · 23

A theater has 27 seats in the first row, and each row has 6 more seats than the row before it. How many seats are in row 11?

Word Problems · 24

Celsius is given by $C(F) = \left(\frac{5}{9}\right)(F - 32)$. What is 104°F in degrees Celsius?

Word Problems · 18

ANSWER

48

Word Problems · 17

ANSWER

30000

Word Problems · 20

ANSWER

5

Word Problems · 19

ANSWER

28

Word Problems · 22

ANSWER

7

Word Problems · 21

ANSWER

204

Word Problems · 24

ANSWER

40

Word Problems · 23

ANSWER

87