Word Problems · 1

An investment of $1500 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 2

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 96t$. After how many seconds does it land?

Word Problems · 3

A video has 2 views. The number of views triples every day. How many views will it have after 2 days?

Word Problems · 4

Two positive numbers differ by 5 and multiply to 36. What are the two numbers?

Word Problems · 5

A medicine has a half-life of 6 hours. A patient takes 52 mg. How many mg are left after 12 hours?

Word Problems · 6

The product of two consecutive positive integers is 30. What are the two integers?

Word Problems · 7

A population of 6 bacteria doubles every hour. How many bacteria are there after 2 hours?

Word Problems · 8

A rectangular patio is 6 feet longer than it is wide. Its area is 55 square feet. What are its width and length, in feet?

Word Problems · 2

ANSWER

6

Word Problems · 1

ANSWER

3000

Word Problems · 4

ANSWER

4 and 9

Word Problems · 3

ANSWER

18

Word Problems · 6

ANSWER

5 and 6

Word Problems · 5

ANSWER

13

Word Problems · 8

ANSWER

5 and 11

Word Problems · 7

ANSWER

24

Word Problems · 9

A medicine has a half-life of 6 hours. A patient takes 60 mg. How many mg are left after 12 hours?

Word Problems · 10

A video has 2 views. The number of views triples every day. How many views will it have after 1 day?

Word Problems · 11

Two positive numbers differ by 6 and multiply to 16. What are the two numbers?

Word Problems · 12

An investment of $700 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 13

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 112t$. After how many seconds does it land?

Word Problems · 14

A population of 19 bacteria doubles every hour. How many bacteria are there after 3 hours?

Word Problems · 15

A rectangular patio is 6 feet longer than it is wide. Its area is 16 square feet. What are its width and length, in feet?

Word Problems · 16

A video has 7 views. The number of views triples every day. How many views will it have after 2 days?

Word Problems · 10

ANSWER

6

Word Problems · 9

ANSWER

15

Word Problems · 12

ANSWER

1400

Word Problems · 11

ANSWER

2 and 8

Word Problems · 14

ANSWER

152

Word Problems · 13

ANSWER

7

Word Problems · 16

ANSWER

63

Word Problems · 15

ANSWER

2 and 8

Word Problems · 17

A rectangular patio is 8 feet longer than it is wide. Its area is 20 square feet. What are its width and length, in feet?

Word Problems · 18

A medicine has a half-life of 6 hours. A patient takes 36 mg. How many mg are left after 12 hours?

Word Problems · 19

Two positive numbers differ by 2 and multiply to 48. What are the two numbers?

Word Problems · 20

An investment of $300 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 21

The product of two consecutive positive integers is 72. What are the two integers?

Word Problems · 22

A population of 16 bacteria doubles every hour. How many bacteria are there after 2 hours?

Word Problems · 23

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 32t$. After how many seconds does it land?

Word Problems · 24

A video has 18 views. The number of views triples every day. How many views will it have after 2 days?

Word Problems · 18

ANSWER

9

Word Problems · 17

ANSWER

2 and 10

Word Problems · 20

ANSWER

600

Word Problems · 19

ANSWER

6 and 8

Word Problems · 22

ANSWER

64

Word Problems · 21

ANSWER

8 and 9

Word Problems · 24

ANSWER

162

Word Problems · 23

ANSWER

2