Word Problems · 1

A population of 18 bacteria doubles every hour. How many bacteria are there after 5 hours?

Word Problems · 2

The product of two consecutive positive integers is 12. What are the two integers?

Word Problems · 3

An investment of $900 doubles in value every 7 years. What is it worth after 21 years?

Word Problems · 4

A rectangular patio is 4 feet longer than it is wide. Its area is 32 square feet. What are its width and length, in feet?

Word Problems · 5

A video has 10 views. The number of views triples every day. How many views will it have after 1 day?

Word Problems · 6

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 · 7

A medicine has a half-life of 6 hours. A patient takes 64 mg. How many mg are left after 30 hours?

Word Problems · 8

Two positive numbers differ by 1 and multiply to 132. What are the two numbers?

Word Problems · 2

ANSWER

3 and 4

Word Problems · 1

ANSWER

576

Word Problems · 4

ANSWER

4 and 8

Word Problems · 3

ANSWER

7200

Word Problems · 6

ANSWER

6

Word Problems · 5

ANSWER

30

Word Problems · 8

ANSWER

11 and 12

Word Problems · 7

ANSWER

2

Word Problems · 9

A population of 12 bacteria doubles every hour. How many bacteria are there after 3 hours?

Word Problems · 10

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

Word Problems · 11

An investment of $400 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 12

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 160t$. After how many seconds does it land?

Word Problems · 13

A video has 16 views. The number of views triples every day. How many views will it have after 3 days?

Word Problems · 14

Two positive numbers differ by 4 and multiply to 221. What are the two numbers?

Word Problems · 15

A medicine has a half-life of 6 hours. A patient takes 152 mg. How many mg are left after 18 hours?

Word Problems · 16

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 · 10

ANSWER

8 and 9

Word Problems · 9

ANSWER

96

Word Problems · 12

ANSWER

10

Word Problems · 11

ANSWER

800

Word Problems · 14

ANSWER

13 and 17

Word Problems · 13

ANSWER

432

Word Problems · 16

ANSWER

5 and 11

Word Problems · 15

ANSWER

19

Word Problems · 17

An investment of $1200 doubles in value every 7 years. What is it worth after 35 years?

Word Problems · 18

A rectangular patio is 5 feet longer than it is wide. Its area is 126 square feet. What are its width and length, in feet?

Word Problems · 19

A population of 12 bacteria doubles every hour. How many bacteria are there after 4 hours?

Word Problems · 20

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 128t$. After how many seconds does it land?

Word Problems · 21

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

Word Problems · 22

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

Word Problems · 23

A video has 14 views. The number of views triples every day. How many views will it have after 4 days?

Word Problems · 24

The product of two consecutive positive integers is 90. What are the two integers?

Word Problems · 18

ANSWER

9 and 14

Word Problems · 17

ANSWER

38400

Word Problems · 20

ANSWER

8

Word Problems · 19

ANSWER

192

Word Problems · 22

ANSWER

2 and 8

Word Problems · 21

ANSWER

18

Word Problems · 24

ANSWER

9 and 10

Word Problems · 23

ANSWER

1134