Word Problems · 1

An investment of $1500 doubles in value every 7 years. What is it worth after 21 years?

Word Problems · 2

The product of two consecutive positive integers is 20. What are the two integers?

Word Problems · 3

A video has 7 views. The number of views triples every day. How many views will it have after 3 days?

Word Problems · 4

A rectangular patio is 7 feet longer than it is wide. Its area is 144 square feet. What are its width and length, in feet?

Word Problems · 5

A medicine has a half-life of 6 hours. A patient takes 64 mg. How many mg are left after 18 hours?

Word Problems · 6

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 48t$. After how many seconds does it land?

Word Problems · 7

A population of 7 bacteria doubles every hour. How many bacteria are there after 1 hour?

Word Problems · 8

Two positive numbers differ by 2 and multiply to 99. What are the two numbers?

Word Problems · 2

ANSWER

4 and 5

Word Problems · 1

ANSWER

12000

Word Problems · 4

ANSWER

9 and 16

Word Problems · 3

ANSWER

189

Word Problems · 6

ANSWER

3

Word Problems · 5

ANSWER

8

Word Problems · 8

ANSWER

9 and 11

Word Problems · 7

ANSWER

14

Word Problems · 9

An investment of $1100 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 10

A rectangular patio is 1 feet longer than it is wide. Its area is 90 square feet. What are its width and length, in feet?

Word Problems · 11

A medicine has a half-life of 6 hours. A patient takes 176 mg. How many mg are left after 24 hours?

Word Problems · 12

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 · 13

A population of 8 bacteria doubles every hour. How many bacteria are there after 4 hours?

Word Problems · 14

Two positive numbers differ by 6 and multiply to 160. What are the two numbers?

Word Problems · 15

A video has 13 views. The number of views triples every day. How many views will it have after 4 days?

Word Problems · 16

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

Word Problems · 10

ANSWER

9 and 10

Word Problems · 9

ANSWER

2200

Word Problems · 12

ANSWER

6

Word Problems · 11

ANSWER

11

Word Problems · 14

ANSWER

10 and 16

Word Problems · 13

ANSWER

128

Word Problems · 16

ANSWER

5 and 6

Word Problems · 15

ANSWER

1053

Word Problems · 17

An investment of $600 doubles in value every 7 years. What is it worth after 7 years?

Word Problems · 18

A ball is kicked straight up from the ground. Its height in feet after t seconds is $h = -16t^2 + 64t$. After how many seconds does it land?

Word Problems · 19

A population of 17 bacteria doubles every hour. How many bacteria are there after 4 hours?

Word Problems · 20

A rectangular patio is 5 feet longer than it is wide. Its area is 176 square feet. What are its width and length, in feet?

Word Problems · 21

A video has 2 views. The number of views triples every day. How many views will it have after 4 days?

Word Problems · 22

Two positive numbers differ by 3 and multiply to 130. What are the two numbers?

Word Problems · 23

A medicine has a half-life of 6 hours. A patient takes 272 mg. How many mg are left after 24 hours?

Word Problems · 24

The product of two consecutive positive integers is 132. What are the two integers?

Word Problems · 18

ANSWER

4

Word Problems · 17

ANSWER

1200

Word Problems · 20

ANSWER

11 and 16

Word Problems · 19

ANSWER

272

Word Problems · 22

ANSWER

10 and 13

Word Problems · 21

ANSWER

162

Word Problems · 24

ANSWER

11 and 12

Word Problems · 23

ANSWER

17