Prime Factorization · 1

Write 12 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 2

Fill in the missing exponent: $90 = 2 \times 3__ \times 5$

Prime Factorization · 3

Which number has the prime factorization 2×7^2?

Prime Factorization · 4

Write 40 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 5

How many different prime factors does 70 have?

Prime Factorization · 6

Fill in the missing exponent: $60 = 2__ \times 3 \times 5$

Prime Factorization · 7

Write 108 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 8

Fill in the missing exponent: $72 = 2__ \times 3^2$

Prime Factorization · 2

ANSWER

2

Prime Factorization · 1

ANSWER

2, 2, 3

Prime Factorization · 4

ANSWER

2, 2, 2, 5

Prime Factorization · 3

ANSWER

98

Prime Factorization · 6

ANSWER

2

Prime Factorization · 5

ANSWER

3

Prime Factorization · 8

ANSWER

3

Prime Factorization · 7

ANSWER

2, 2, 3, 3, 3

Prime Factorization · 9

Which number has the prime factorization $2 \times 5 \times 7^2$?

Prime Factorization · 10

Write 252 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 11

What is the greatest prime factor of 60?

Prime Factorization · 12

Fill in the missing exponent: $420 = 2__ \times 3 \times 5 \times 7$

Prime Factorization · 13

Write 36 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 14

Fill in the missing exponent: $220 = 2__ \times 5 \times 11$

Prime Factorization · 15

Which number has the prime factorization $2^2 \times 3^2$?

Prime Factorization · 16

Write 132 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 10

ANSWER

2, 2, 3, 3, 7

Prime Factorization · 9

ANSWER

490

Prime Factorization · 12

ANSWER

2

Prime Factorization · 11

ANSWER

5

Prime Factorization · 14

ANSWER

2

Prime Factorization · 13

ANSWER

2, 2, 3, 3

Prime Factorization · 16

ANSWER

2, 2, 3, 11

Prime Factorization · 15

ANSWER

36

Prime Factorization · 17

How many different prime factors does 80 have?

Prime Factorization · 18

Fill in the missing exponent: $80 = 2__ \times 5$

Prime Factorization · 19

Write 100 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 20

Fill in the missing exponent: $50 = 2 \times 5__$

Prime Factorization · 21

Which number has the prime factorization $2^2 \times 3 \times 5$?

Prime Factorization · 22

How many different prime factors does 18 have?

Prime Factorization · 23

Write 126 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 24

Which number has the prime factorization $2^2 \times 11^2$?

Prime Factorization · 18

ANSWER

4

Prime Factorization · 17

ANSWER

2

Prime Factorization · 20

ANSWER

2

Prime Factorization · 19

ANSWER

2, 2, 5, 5

Prime Factorization · 22

ANSWER

2

Prime Factorization · 21

ANSWER

60

Prime Factorization · 24

ANSWER

484

Prime Factorization · 23

ANSWER

2, 3, 3, 7