Prime Factorization · 1

Write 70 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 2

Which number has the prime factorization 2^3?

Prime Factorization · 3

Write 20 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 4

Fill in the missing exponent: $28 = 2__ \times 7$

Prime Factorization · 5

Write 18 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 6

Write 42 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 7

Which number has the prime factorization 2×5^2?

Prime Factorization · 8

Fill in the missing exponent: $63 = 3__ \times 7$

Prime Factorization · 2

ANSWER

8

Prime Factorization · 1

ANSWER

2, 5, 7

Prime Factorization · 4

ANSWER

2

Prime Factorization · 3

ANSWER

2, 2, 5

Prime Factorization · 6

ANSWER

2, 3, 7

Prime Factorization · 5

ANSWER

2, 3, 3

Prime Factorization · 8

ANSWER

2

Prime Factorization · 7

ANSWER

50

Prime Factorization · 9

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

Prime Factorization · 10

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

Prime Factorization · 11

Fill in the missing exponent: $56 = 2^{__} \times 7$

Prime Factorization · 12

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

Prime Factorization · 13

Write 150 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 14

What is the greatest prime factor of 30?

Prime Factorization · 15

Fill in the missing exponent: $16 = 2^{\underline{\quad}}$

Prime Factorization · 16

Write 50 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 10

ANSWER

2, 3, 3, 7

Prime Factorization · 9

ANSWER

2, 2, 3

Prime Factorization · 12

ANSWER

135

Prime Factorization · 11

ANSWER

3

Prime Factorization · 14

ANSWER

5

Prime Factorization · 13

ANSWER

2, 3, 5, 5

Prime Factorization · 16

ANSWER

2, 5, 5

Prime Factorization · 15

ANSWER

4

Prime Factorization · 17

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

Prime Factorization · 18

Fill in the missing exponent: $12 = 2__ \times 3$

Prime Factorization · 19

Write 8 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 20

Write 30 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 21

Which number has the prime factorization 3^3?

Prime Factorization · 22

Fill in the missing exponent: $8 = 2__$

Prime Factorization · 23

Write 27 as a product of prime factors. List the primes from least to greatest, with commas.

Prime Factorization · 24

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

Prime Factorization · 18

ANSWER

2

Prime Factorization · 17

ANSWER

28

Prime Factorization · 20

ANSWER

2, 3, 5

Prime Factorization · 19

ANSWER

2, 2, 2

Prime Factorization · 22

ANSWER

3

Prime Factorization · 21

ANSWER

27

Prime Factorization · 24

ANSWER

2

Prime Factorization · 23

ANSWER

3, 3, 3