Exponents in Factor Form (C)

Write each exponent in factor form.

Exponent

5^6 = 5 × 5 × 5 × 5 × 5 × 5

Base
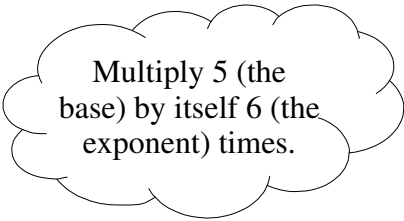
Multiply 5 (the base) by itself 6 (the exponent) times.

1^{10} =

8^{12} =

6^4 =

2^{10} =

1^8 =

8^{12} =

1^{12} =

3^6 =

3^6 =

Exponents in Factor Form (C) Answers

Write each exponent in expanded form.

5^6 = 5 × 5 × 5 × 5 × 5 × 5

1^{10} = 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1

8^{12} = 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8

6^4 = 6 × 6 × 6 × 6

2^{10} = 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2

1^8 = 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1

8^{12} = 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8 × 8

1^{12} = 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1

3^6 = 3 × 3 × 3 × 3 × 3 × 3

3^6 = 3 × 3 × 3 × 3 × 3 × 3