Exponents in Factor Form (I)

Write each exponent in factor form.

Exponent

5^6 = 5 × 5 × 5 × 5 × 5 × 5
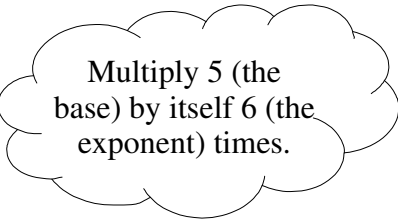
Multiply 5 (the base) by itself 6 (the exponent) times.

Base

7^7 =

1^5 =

2^8 =

2^5 =

2^4 =

4^8 =

2^{11} =

9^{12} =

7^2 =

Exponents in Factor Form (I) Answers

Write each exponent in expanded form.

5^6 = 5 × 5 × 5 × 5 × 5 × 5

7^7 = 7 × 7 × 7 × 7 × 7 × 7 × 7

1^5 = 1 × 1 × 1 × 1 × 1

2^8 = 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2

2^5 = 2 × 2 × 2 × 2 × 2

2^4 = 2 × 2 × 2 × 2

4^8 = 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4

2^{11} = 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2

9^{12} = 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9 × 9

7^2 = 7 × 7