Exponents in Factor Form (F)

Write each exponent in factor form.

Exponent

$5^6 = 5 \times 5 \times 5 \times 5 \times 5 \times 5$

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

Base

$4^8 =$

$8^{12} =$

$4^5 =$

$7^{12} =$

$6^{11} =$

$4^{11} =$

$6^9 =$

$5^9 =$

$2^8 =$

Exponents in Factor Form (F) Answers

Write each exponent in expanded form.

5^6 = 5 × 5 × 5 × 5 × 5 × 5

4^8 = 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4

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

4^5 = 4 × 4 × 4 × 4 × 4

7^{12} = 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7 × 7

6^{11} = 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6

4^{11} = 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4

6^9 = 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6 × 6

5^9 = 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5 × 5

2^8 = 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2