
Exponents in Factor Form

Write each exponent in factor form.

Exponent

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

Base

$$6^{10} =$$

$$9^4 =$$

$$8^3 =$$

$$7^{11} =$$

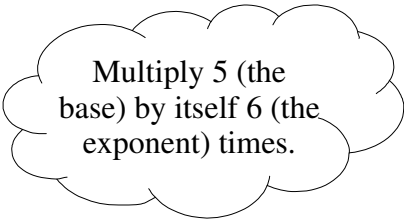
$$8^7 =$$

$$1^{11} =$$

$$8^6 =$$

$$3^{11} =$$

$$7^7 =$$



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

Exponents in Factor Form Answers

Write each exponent in expanded form.

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

$$6^{10} = 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6 \times 6$$

$$9^4 = 9 \times 9 \times 9 \times 9$$

$$8^3 = 8 \times 8 \times 8$$

$$7^{11} = 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$$

$$8^7 = 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$$

$$1^{11} = 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1 \times 1$$

$$8^6 = 8 \times 8 \times 8 \times 8 \times 8 \times 8$$

$$3^{11} = 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3 \times 3$$

$$7^7 = 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$$