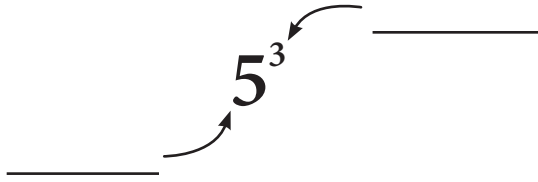


Intro to Exponents

1 Label the parts of this expression.



2 Fill in the blanks.

If a number is “squared” that means it is raised to the _____ power.

If a number is “cubed” that means it is raised to the _____ power.

3 Re-write this repeated multiplication in exponent form.

$$7 \times 7 \times 7 \times 7$$

4 Re-write this repeated multiplication in exponent form.

$$2 \times 2 \times 2 \times 2 \times 2 \times 2$$

5 Calculate these “squares”. (Hint: Use your multiplication table.)

$$6^2 = \quad 7^2 =$$

$$9^2 = \quad 12^2 =$$

6 Calculate this exponent.

$$3^3 =$$

7 Calculate this exponent.

$$14^2 =$$

8 Calculate this exponent.

$$10^4 =$$

9 Use the exponent button (x^y) on a calculator to find the value of this exponent.



$$2^{10} =$$

10 Use the exponent button (x^y) on a calculator to find the value of this exponent.



$$5^7 =$$