

## Exercise 1

Is  $2^3$  the same as  $3^2$ ? Explain.

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### Solution

No,  $2^3$  is 2 multiplied by itself three times,

$$2^3 = 2 \times 2 \times 2 = 8,$$

whereas  $3^2$  is 3 multiplied by itself two times.

$$3^2 = 3 \times 3 = 9$$