2.3 Order Of Operations With Powers

* Explain and apply the order of operations with exponents.

To avoid getting different answers when we evaluate an expression, we use this order of operations:

* Evaluate the expression in brackets first
* Evaluate the powers
* Multiply and divide, in order, from left to right
* Add and subtract, in order, from left to right

Remember BEDMAS

**Example #1**

Evaluate the powers before adding.

= 9+8

=17

Do the brackets first, then evaluate the power

=

=

Now you try:

**Example #2**

Use BEDMAS

=3600

Now you try: