## \* 1.1. Order of operations

Remember

Which operations would you use to find the answer to this question?

$$18 - 6 \div 3 = ?$$

We use brackets if we want certain operations carried out first. To make sure everyone gets the same answer when evaluating an expression, we use this order of operations:

- Do the operations in brackets.
- Multiply and divide, in order, from left to right.
- Then add and subtract, in order, from left to right.

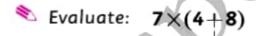
$$16 - (14 \div 2)$$

$$= 16 - 7$$

Divide first: 14 + 2 = 7

Then subtract: 
$$16-7=9$$





$$=7\times12$$



Do the operation in brackets

first: 
$$4+8=12$$

Then multiply: 
$$7 \times 12 = 84$$

