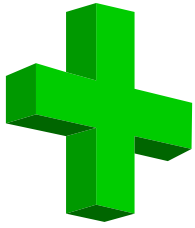


Addition properties



From: *A Maths Dictionary for Kids* by Jenny Eather at www.amathsdictionaryforkids.com



Commutative property

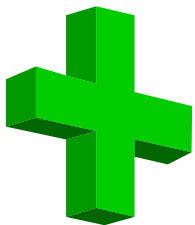
- in addition, numbers may be added in any order.

$$a + b = b + a$$

$$6 + 2 = 8$$

or

$$2 + 6 = 8$$



Associative property

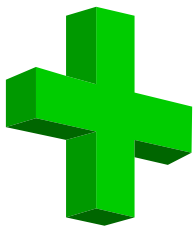
- in addition, no matter how the numbers are grouped, the answer will always be the same.

$$(a + b) + c = a + (b + c)$$

$$(4 + 2) + 6$$

gives the same total as

$$4 + (2 + 6)$$



Additive identity property of 0

- adding zero won't change a number,
- when zero is added to a number the result is the number itself.

$$a + 0 = a$$

$$6 + 0 = 6$$

or

$$0 + 6 = 6$$

