

## Balancing Equations example.

$$32 + 17 = \boxed{\phantom{00}} + 20$$

Both calculations need to add up to the same number - find out which number can go in the box to make both sides balance.

Eg

$$32 + 17 = \boxed{\phantom{00}} + 20$$

First, work out the calculation that is not next to the box :-  $32 + 17 = \underline{49}$

So, now we know that one side of the equals is (49) we need to find out what is added to 20 to make 49.

Using the inverse,  $49 - 20 = \boxed{29}$

$$32 + 17 = \boxed{29} + 20$$

because both sides equal 49. and they balance!