

<b>x</b> + 23 = 32	27 – <b>y</b> = 19	<b>z</b> – 15 = 16
X =	y =	z =

## Commutative Property of Addition.

Look at the equality: 20 - 10 + 5 =. Does the order of operation matter? What will we get if will do 20 - 10 first and then add 5 to the result? What will we get if we will do 10 + 5 first and then will subtract the result from 20? Are results the same? Which one is correct? Why?

Look at the equality: 20 + 10 + 5 =. Does the order of operation matter? What will we get if will do 20 + 10 first and then add 5 to the result? What will we get if we will do 10 + 5 first and then will add the result to 20? Are results the same?

The Commutative property of addition states that **for addition** order of operation **does not matter**.

$$8 + 5 = 5 + 8$$
  
 $6 + 10 + 1 = 10 + 1 + 6$   
 $a + b = b + a$ 





