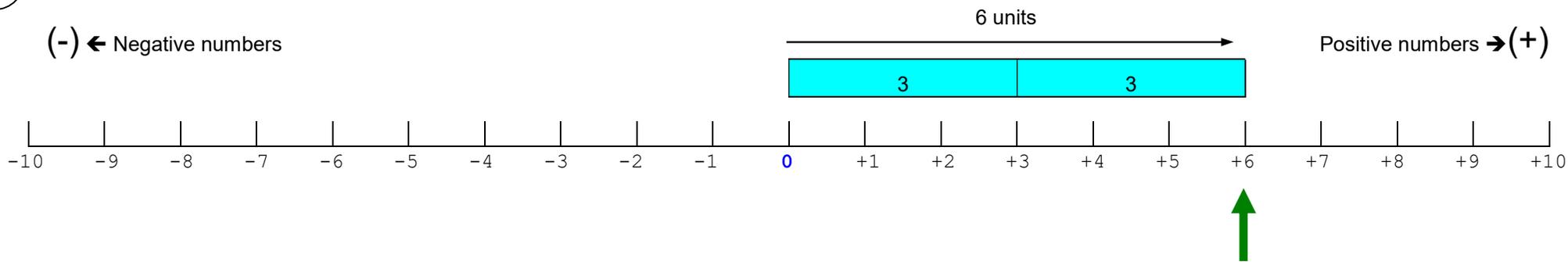
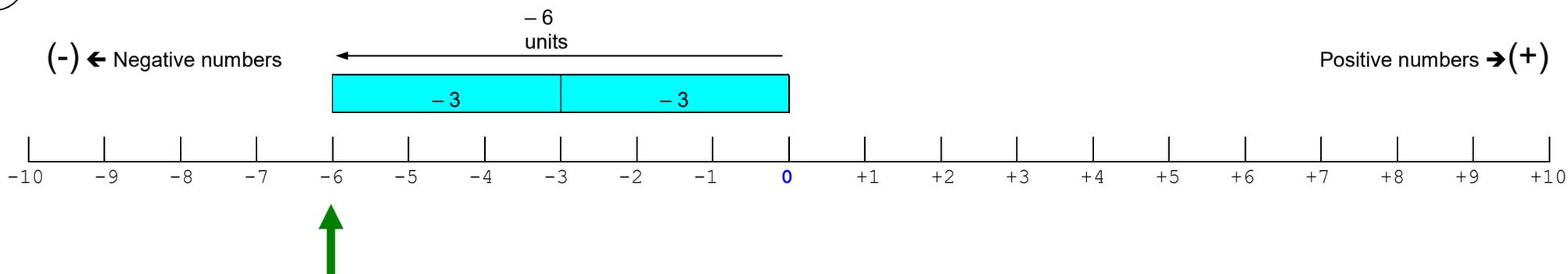


# Multiplying directed numbers

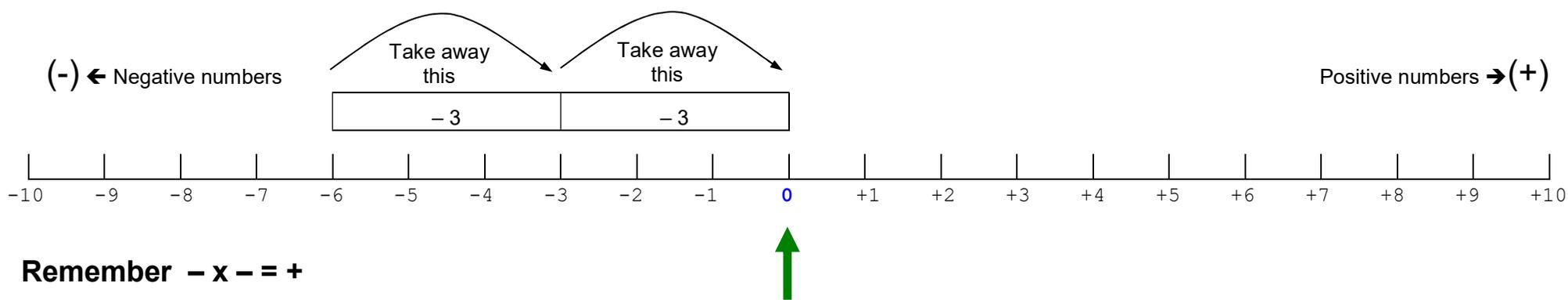
1 Consider  $2 \times 3$ , think of this as 2 lots of 3, this equals 6 units.



2 Consider  $2 \times -3$ , think of this as 2 lots of  $-3$ , how many is this all together, it is  $-6$  units.



3 Consider  $-2 \times -3$ , think of this as **take away** 2 lots of  $-3$ , this means that in this example after taking away the  $-6$  you will end up at 0, we have moved 6 units in the positive direction. So  $-2 \times -3 = +6$



**Remember  $- \times - = +$**