

Hiking on a Number Line

Dividing Integers

1. Always start at 0.
2. The first number tells your destination (where you should end up).
3. The second number tells you which direction to face and the size of the jumps.

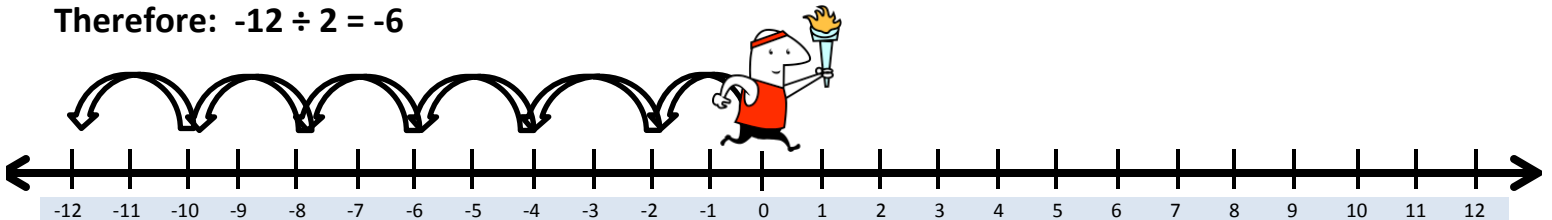
Let's try it...

$$(-12) \div 2 =$$

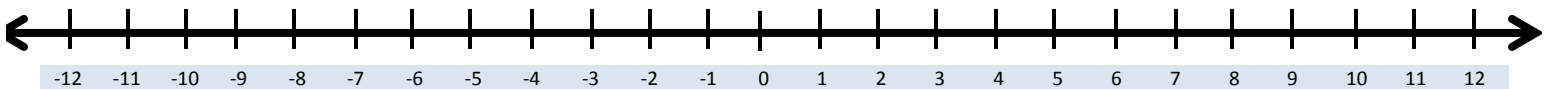
So...

1. Start at 0.
2. Remember in the end you want your arrow to point to -12.
3. Face the positives because the 2 is positive.
4. How many groups of 2 (jumps) will it take you to get to your destination of -12.
5. Once you have your jumps counted ask yourself what direction you moved. If it was forward the answer is positive; if it was backward the answer is negative.

Therefore: $-12 \div 2 = -6$



1. $10 \div 5 =$



2. $-6 \div (-3) =$

