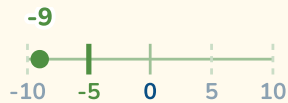


Positive and negative numbers



Adding and subtracting · walk the line



Add 4: walk four steps right. $-9 + 4 = -5$.



Add -4: walk four steps left. $-6 + -4 = -10$.



Take away -3: turn around and walk right. $7 - (-3) = 10$.

Multiplying and dividing · the signs decide

$$+ \times + = +$$

$$6 \times 3 = 18$$

$$- \times - = +$$

$$-6 \times -3 = 18$$

$$- \times + = -$$

$$-18 \div 3 = -6$$

Reading the line



Further left is always smaller: -8 is less than -3.



Opposites sit the same distance from zero, which is neither.