

Adding and subtracting positive and negative numbers

Positive +/- positive = positive

Ex: $9 + 4 = 13$ or $+13$

Negative +/- positive = ALWAYS subtract. Answer has the sign of the larger number

Ex: $-7 + 9 = 2$ or $+2$ *9 is the larger number and is positive so answer is positive

Ex: $-13 + 5 = -8$ *13 is the larger number and is negative so answer is negative

Negative +/- Negative = Negative *ALWAYS add

Ex: $-7 + -7 = -14$

- (- = change to an addition sign

Ex: $-4 - (-5)$ changes to $-4 + 5 = 1$ or $+1$

Adding and subtracting positive and negative numbers

Positive  or  positive = Positive

Ex: $5 \times 5 = 25$ or $\frac{25}{5} = 5$

Negative  or  Positive = Negative

Ex: $-5 \times 5 = -25$ or $-\frac{25}{5} = -5$

Negative  or  Negative = Positive

Ex: $-5 \times -5 = 25$ or $\frac{-25}{-5} = 5$