

Adding with negatives when fractions or decimals are involved

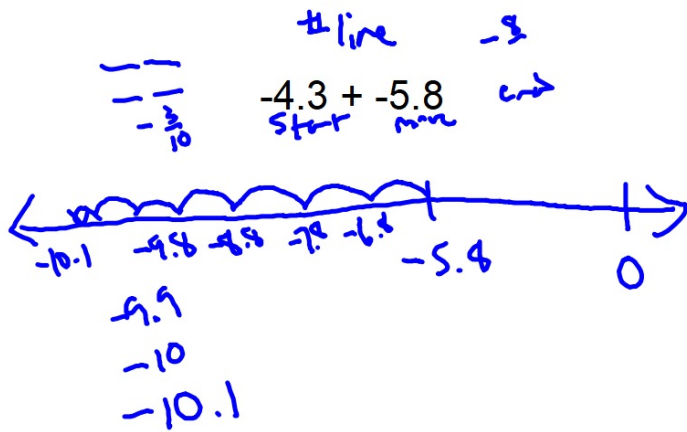
## Connect

Adding integers strategies

$$\begin{array}{ccc} \text{st} & \text{more} & \text{out} \\ -2 & + & 5 \\ \hline -- & + & +++ \\ 0 & + & 3 = (3) \end{array}$$



I do - both negative



Symbols

$-5/6 + -3/4$

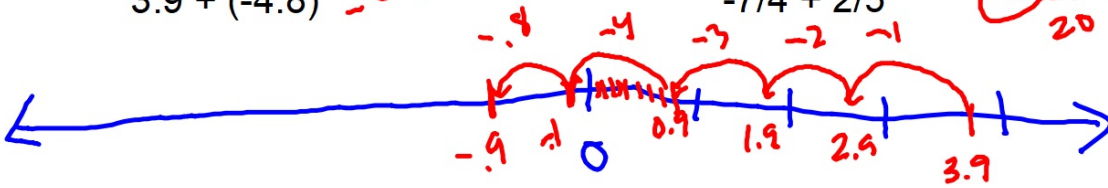
$$-\frac{5}{6} + -\frac{3}{4}$$
$$-\frac{10}{12} + -\frac{9}{12} = -\frac{19}{12}$$

I do - 1 negative, 1 positive

$$3.9 + (-4.8) = -0.9$$

$$-7/4 + 2/5$$

$$-\frac{7}{4} + \frac{2}{5} = -\frac{35}{20} + \frac{8}{20} = -\frac{27}{20}$$



We do - both negative

# line

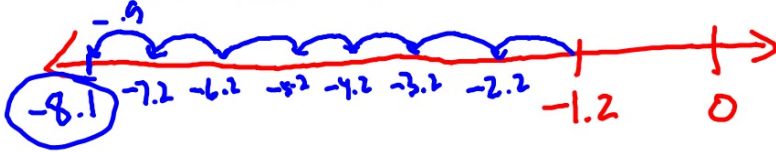
Symbols

$$-1.2 + -6.9$$

$$-4/3 + -2/6$$

$$-\frac{4}{3} + -\frac{2}{6}$$

start move end

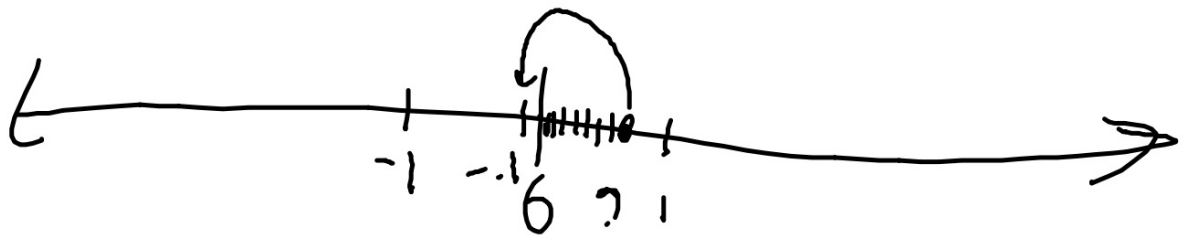


$$\begin{array}{r} -\frac{4}{3} + -\frac{2}{6} \\ \downarrow \\ \frac{-8}{6} + \frac{-2}{6} = \frac{-10}{6} \\ \begin{array}{l} | \\ | \\ | \\ | \\ | \end{array} \quad \begin{array}{l} | \\ | \end{array} \end{array}$$

**We do 1 negative 1 positive**

$5.9 + (-6.1)$

$3/4 + (-1/6)$



**You do together  
on whiteboard**

$$-7.1 + -2.2$$

$$-4/3 + 5/9$$

**You do alone on  
index card**

$$5.6 + (-5.1)$$

$$-3.3 + (-4.4)$$