Warm up:

1. FW-- What are the characteristics of a good math class?

2. Solve (show all your work)

$-1\frac{7}{8} + (-3\frac{1}{2}) =$

$-1\frac{7}{8} + (-3\frac{4}{8})$

$-1\ \frac{7}{8}$

$-3\ \frac{4}{8}$

$-5\ \frac{11}{8} = 1\frac{3}{8}$

$-5\frac{3}{8}$

i.e. 1.6 pg. 84

11b.

$\frac{7}{12} + (-\frac{3}{4}) \cdot\frac{3}{3} = \frac{-2}{12} = \frac{-1 \cdot \cancel{2}}{\cancel{2} \cdot 3 \cdot 2} = \frac{-1}{6}$ ft

$\frac{-9}{12}$

$\frac{1}{-6}$

$-\frac{1}{6}$

12b.

$-9\frac{1}{3} + (-12\frac{5}{6})$

$-9\ \frac{1}{3} \cdot \frac{2}{2} = \frac{2}{6}$

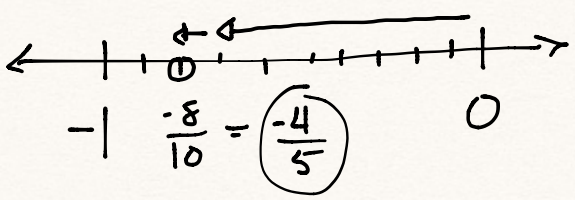
$+\ -12\ \frac{5}{6}$

$21\ \frac{7}{6} = 1\frac{1}{6}$

$+1$

$-22\frac{1}{6}$ ft

1. $-\frac{7}{10} + (-\frac{1}{10})$



$\frac{-8}{10} = \frac{-4}{5}$

6. $2\frac{3}{4} + (-7\frac{1}{2})$

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

$-7\frac{2}{4}$

$-7 + (-\frac{2}{4})$

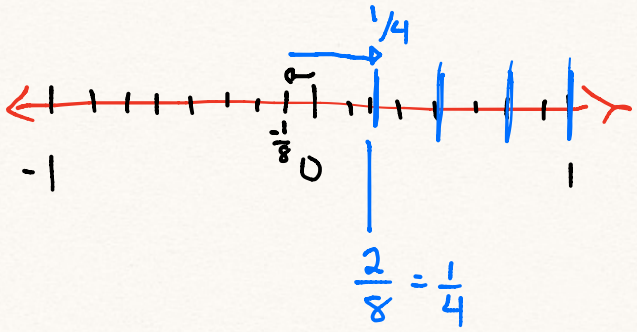
$6 \neq \frac{2}{4} + \frac{4}{4} = \frac{6}{4}$

$$2\tfrac{3}{4}$$

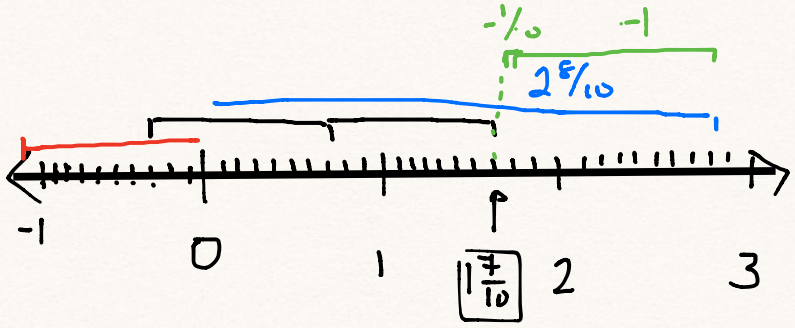
$$\boxed{-4\tfrac{3}{4}}$$

Modeling with Numberlines

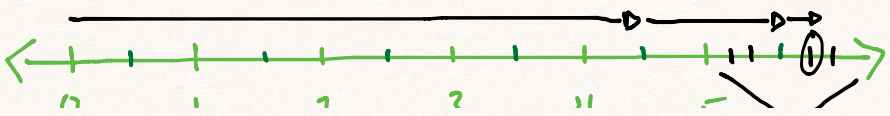
$-\frac{1}{8} + \frac{3}{8} =$

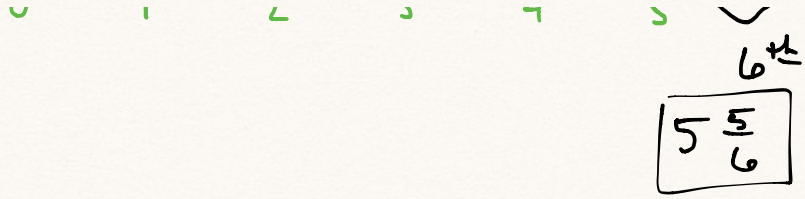


$2\frac{4}{5} + \left(-1\frac{1}{10}\right) =$



$1\frac{1}{3} + 4\frac{1}{2} =$?




6th
5 5/6