

Warm up:

1)

$$-2\frac{5}{8} - \left(-1\frac{1}{6}\right)$$

$$-2\frac{15}{24} - \left(-1\frac{4}{24}\right)$$

$$-2\frac{15}{24} + 1\frac{4}{24}$$

$$-63 - (-28)$$

$$-63 + 28$$

$$-35$$

$$-35 =$$

$$-1\frac{11}{24}$$

2)

$$2\frac{27}{4} \times \frac{2}{108}$$

$$\frac{3}{4} + \left(-5\frac{2}{5}\right)$$

$$\frac{3}{4} + \left(-\frac{27}{5}\right)$$

$$\frac{15}{20} + \left(-\frac{108}{20}\right)$$

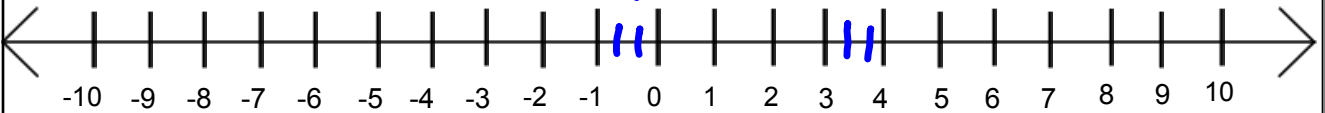
$$-\frac{108}{20} = -\frac{15}{93}$$

$$-\frac{93}{20} =$$

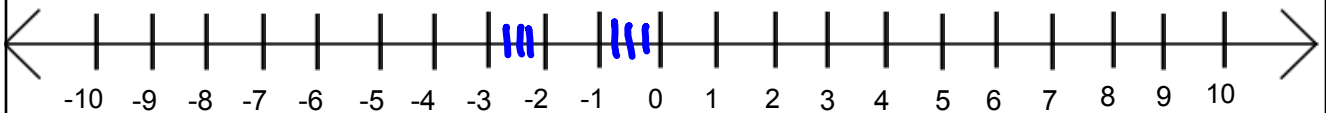
$$-4\frac{13}{20}$$

$$-\frac{2}{3} + 4\frac{1}{3}$$

$\frac{2}{3} = \frac{2}{3}$



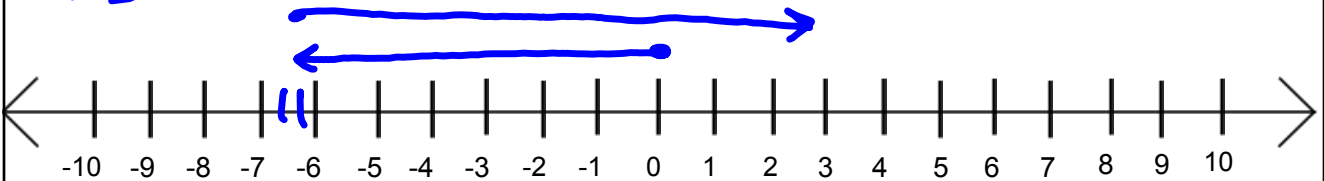
$$-\frac{1}{4} + \left(-\frac{5}{2}\right) - \frac{1}{4} + \left(-2\frac{1}{2}\right)$$
$$-\frac{1}{4} + \left(-\frac{10}{4}\right) - \frac{1}{4} + \left(-2\frac{1}{2}\right)$$
$$-\frac{11}{4} = \left(-2\frac{3}{4}\right)$$



$$\begin{array}{r} 1 \\ 1 \\ 4 \\ \hline 19 \\ 28 \\ 38 \\ \hline 6 \\ 6 \\ 6 \\ \hline 19 \\ 28 \\ 38 \\ \hline 6 \\ 6 \\ 6 \end{array} + \begin{array}{r} 53 \\ 53 \\ 53 \\ \hline 6 \\ 6 \\ 6 \end{array}$$

$$-6\frac{1}{3} + 8\frac{5}{6}$$

$$\frac{15}{6} = 2\frac{3}{6} = \textcircled{2\frac{1}{2}}$$



$$-\frac{31}{4} + \frac{5}{1}$$

$$-\frac{31}{4} + \frac{20}{4}$$

$$-\frac{11}{4} =$$

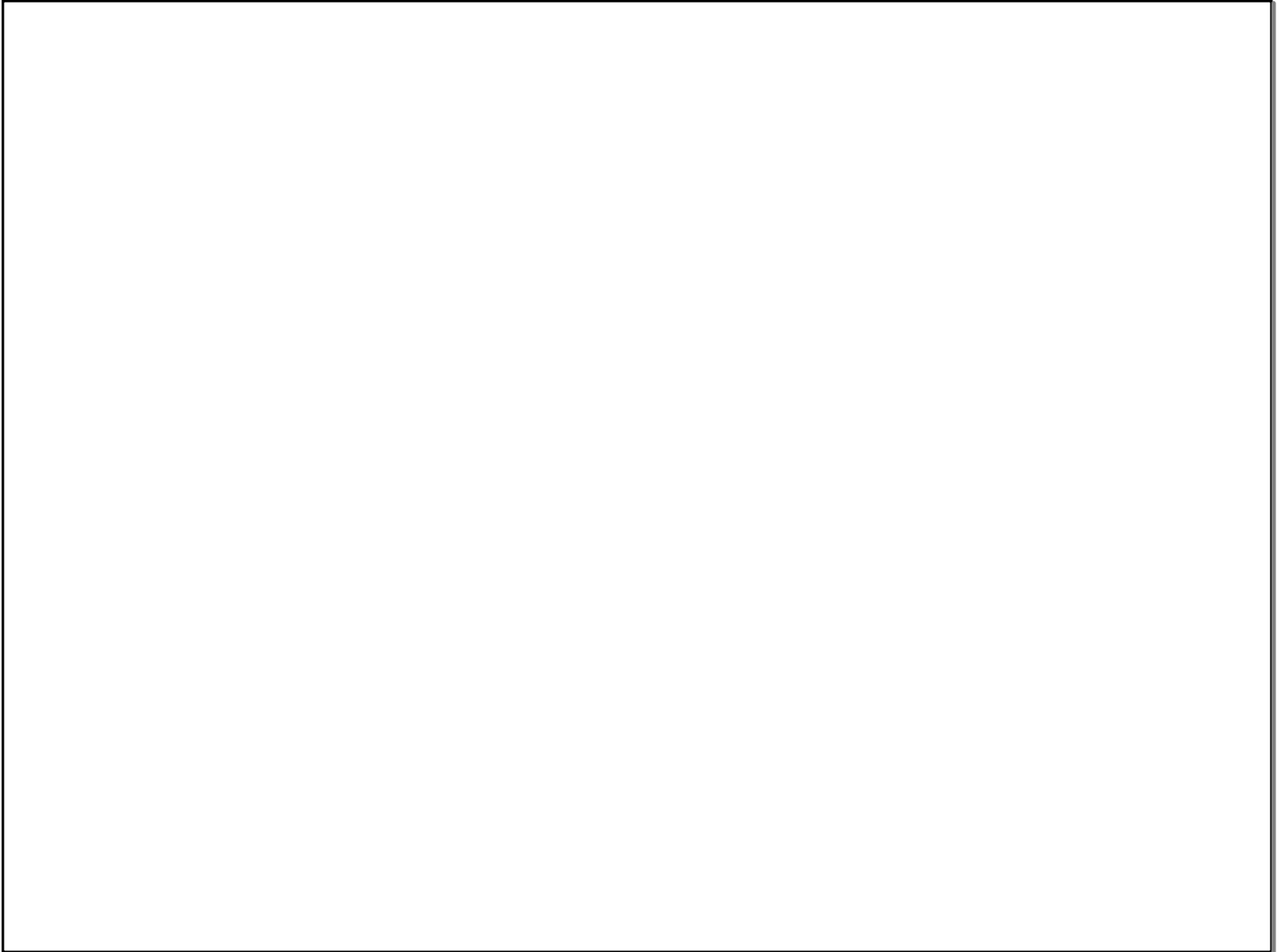
$$-2\frac{3}{4}$$

$$-7\frac{3}{4} + (+5)$$



HW Solutions

$$\begin{aligned} \textcircled{4} & -2\frac{2}{5} + \left(-1\frac{7}{10}\right) \\ & -1\frac{4}{5} + \left(-1\frac{7}{10}\right) \\ & -1\frac{8}{10} + \left(-1\frac{7}{10}\right) \\ & \begin{array}{r} -1\frac{8}{10} \\ +1\frac{7}{10} \\ \hline -\frac{1}{10} \end{array} \\ & -\frac{43}{10} = \textcircled{-4\frac{3}{10}} \end{aligned}$$



Draw a number line diagram and solve.

$$-5 + \left(-2\frac{3}{4}\right)$$

$$-3\frac{1}{3} - \left(-\frac{1}{2}\right)$$

$$2\frac{2}{3} + \left(-7\frac{1}{3}\right)$$

$$-2\frac{1}{4} + \left(-6\frac{1}{2}\right)$$

$$-5 + \left(-2\frac{3}{4}\right)$$

$$-\frac{5}{1} + \left(-\frac{11}{4}\right)$$

$$-\frac{20}{4} + \left(-\frac{11}{4}\right) = -\frac{31}{4} = \left(-7\frac{3}{4}\right)$$



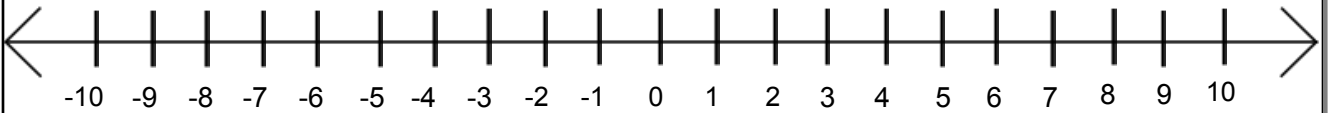
$$-3\frac{1}{3} + \left(+\frac{1}{2}\right)$$

$$-\frac{10}{3} + \frac{2}{2}$$

$$-\frac{10}{3} + \frac{2}{3} = -\frac{8}{3} = -2\frac{2}{3}$$



$$2\frac{2}{3} + \left(-7\frac{1}{3}\right)$$



$$-2\frac{1}{4} + \left(-6\frac{1}{2}\right)$$

