

## Warm-Up

September 19, 2016

Convert to an improper fraction

A.  $-5 \frac{2}{3}$

$$-5 \frac{2}{3} \rightarrow -\frac{17}{3}$$

Convert to a mixed number

B.  $\frac{42}{-3}$

$$\frac{-42}{3} = -14$$

Express your answer in lowest terms and mixed number when necessary.

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

$$\frac{12}{5} + \frac{-9}{2}$$

$$\frac{24}{10} + \frac{-45}{10}$$

$$\frac{-21}{10} = -2 \frac{1}{10}$$

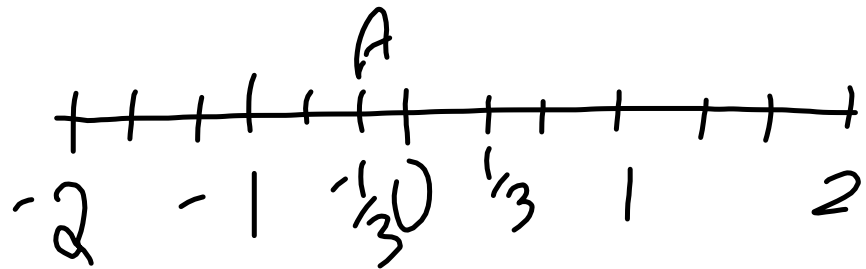
B)  $3 \frac{3}{5} - \left(-5 \frac{1}{2}\right)$

$$\frac{18}{5} - \frac{-11}{2}$$

$$\frac{36}{10} - \frac{-55}{10}$$

$$\frac{91}{10}$$

$$9 \frac{1}{10}$$



$$3\frac{7}{5} + \left(-\frac{13}{8}\right) - \left(-\frac{7}{4}\right)$$

$$\overset{x^8}{x^8} \frac{17}{5} + \frac{-13^{x^5}}{8^{x^5}} - \frac{-7^{x^{10}}}{4^{x^{10}}} \quad \begin{matrix} 5 \\ 8, 16, 24, 32 \\ 4 \end{matrix}$$

$$\frac{136}{40} + \frac{-65}{40} - \frac{-20}{40}$$

$$\frac{141}{40} = \left(3\frac{21}{40}\right)$$

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

$$\overset{x^5}{x^5} \frac{-5}{4} - \overset{x^4}{x^4} \frac{-16}{5} + \overset{x^2}{x^2} \frac{41}{10}$$

4

5

10, 20, 30

$$\frac{-25}{20} - \frac{-64}{20} + \frac{82}{20}$$

$$\frac{121}{20} = 6\frac{1}{20}$$

Classwork/Homework

Questions???



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answers*

Quiz tomorrow

