

September 17, 2018

Warm-Up

Convert the following to a mixed number:

A. $\frac{-11}{2} = -5\frac{1}{2}$ B. ~~$\frac{22}{-3}$~~ $-\frac{22}{3} = -7\frac{1}{3}$

Convert the following to improper fractions:

A. $-2^{2/3}$ $-\frac{8}{3}$ B. $-4^{1/5}$ $-\frac{21}{5}$

Order the following from greatest to least:

- a. ~~0.12000~~ ~~0.01200~~ ~~0.12200~~
 0.12, 0.012, 0.122, 0.01202

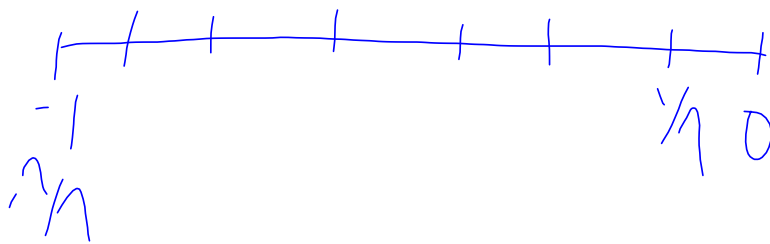
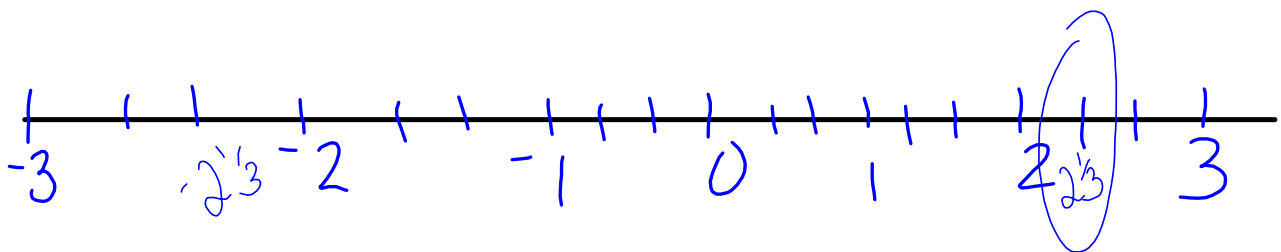
0.122, 0.12, 0.01202, 0.012

- b. ~~-0.75~~ ~~-0.50~~ ~~-0.25~~ ~~-2.66~~ ~~-1.5~~
 $-\frac{3}{4}$, $-\frac{1}{2}$, $-\frac{2}{8}$, $-\frac{8}{3}$, $-\frac{6}{4}$

$-\frac{2}{8}$, $-\frac{1}{2}$, $-\frac{3}{4}$, $-\frac{6}{4}$, $-\frac{8}{3}$

Draw a number line to show $2^{1/3}$

$2^{1/3}$ •



Add the following:

$$-2\frac{1}{4} + -3\frac{3}{8}$$

$$\begin{array}{r} \times 2 \\ -\frac{9}{4} + \frac{-27}{8} \\ \times 2 \end{array}$$

$$\frac{-18}{8} + \frac{-27}{8}$$

$$\frac{-45}{8}$$

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

Subtract the following:

$$-2\frac{1}{4} - -3\frac{3}{8}$$

$$\begin{array}{r} \times^2 \\ -9 \\ \hline \times^2 4 \end{array} \quad - \quad \frac{27}{8}$$

$$-\frac{18}{8} - -\frac{27}{8}$$

$$\frac{9}{8} \quad \left(1\frac{1}{8}\right)$$

$$\left[-\frac{18}{8} + \frac{27}{8}\right]$$

Solve_

$$-1\frac{1}{4} + -3\frac{3}{8} - -7\frac{2}{3}$$

$$x^6 \frac{5}{4} + \frac{-27x^3}{8x^3} - \frac{23x^8}{3x^8}$$

$$\frac{-30}{24} + \frac{-81}{24} - \frac{-184}{24}$$

$$\frac{73}{24} = 3\frac{1}{24}$$

Classwork/Homework

1. Check Assignment over
2. Midunit Review Questions: [Page 121](#)
 - #2...no number line needed.
 - #3,
 - #4 [no number line],
 - #6 [d,e,f]
 - #8 [d,e,f]
3. Extra help for 3.1 rewrite

Answers
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