

## Warm-Up

Sept.30/19

Order from least to greatest...

$\frac{-1}{6}$  ,  ~~$-2.25$~~  ,  $\frac{5}{4}$  ,  ~~$-1.5$~~  ,  $0.9$  ,  ~~$-0.56$~~  ,  $-\frac{1}{8}$

Handwritten annotations:  $0.1\bar{6}$  above  $\frac{-1}{6}$ ,  $1.25$  above  $\frac{5}{4}$ ,  $-0.125$  above  $-\frac{1}{8}$ , and  $S \rightarrow B$  to the right of the instruction.

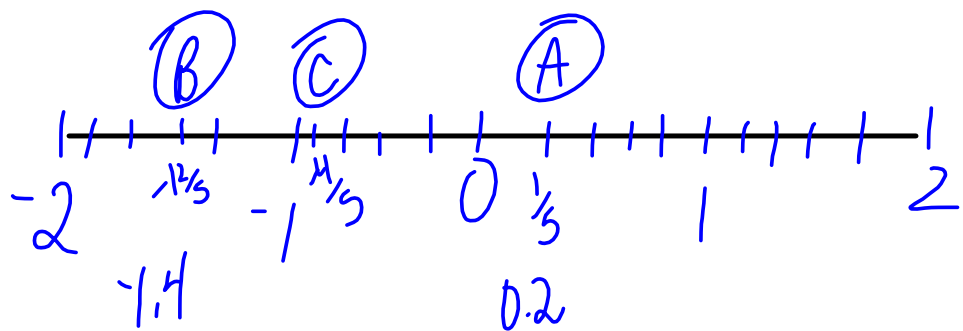
$-2.25, -1.5, -0.56, -\frac{1}{6}, -\frac{1}{8}, 0.9, \frac{5}{4}$

2. Draw a number line from -2 to 2. Put the following on the number line:

a.  $\frac{1}{5}$

b.  $-1\frac{2}{5}$

c.  $-\frac{4}{5}$



Counting Numbers  
1, 2, 3, ...

0, 1, 2, 3, ...

Whole # and it's  
opposite

Repeat or  
terminate

Does not  
Repeat or  
stop

	Natural	Whole	Integers	Rational	Irrational
a. $-\frac{1}{7} = -0.1428\dots$					✓
b. $-2.3$				✓	
c. $\sqrt{4} = 2$	✓	✓	✓	✓	
d. $4\frac{1}{3}$				✓	

4, 3

\* No  
Decimals

Bedmas

$$-\frac{1}{3} - \frac{3}{4} \times -\frac{2}{5} + \frac{1}{6}$$

$$\begin{matrix} +20 \\ +20 \end{matrix} \frac{-1}{3} - \frac{-6 \times 3}{20 \times 3} + \frac{1}{6}$$

$$\frac{-20}{60} - \frac{-18}{60} + \frac{1}{6}$$

$$\frac{-2}{60} + \frac{1 \times 10}{6 \times 10}$$

$$\frac{-2}{60} + \frac{10}{60}$$

$$\frac{8}{60} = \frac{2}{15}$$

Lit

$$-4\frac{2}{3} \div \left[ \left( -\frac{1}{3} \right) + 4\frac{1}{6} \right] + \left( -3\frac{2}{5} \right)$$

$$-\frac{14}{3} \div \left( \frac{-\frac{1 \times 2}{3 \times 2} + \frac{25}{6}}{\frac{1}{6}} \right) + -\frac{17}{5}$$

$$-\frac{14}{3} \div \left( \frac{-2 + \frac{25}{6}}{\frac{1}{6}} \right) + -\frac{17}{5}$$

$$-\frac{14}{3} \div \frac{23}{6} + -\frac{17}{5}$$

$$\frac{-14}{3} \downarrow \times \frac{6}{23} + \frac{-17}{5}$$

$$\begin{array}{l} \times^5 \frac{-84}{69} + \frac{-17}{5} \times 69 \\ \times^5 \frac{69}{5} \times 69 \end{array}$$

$$\frac{-420}{345} + \frac{-1173}{345}$$

$$\frac{-1593}{345} = -4\frac{213}{345}$$

$$\frac{-471}{115}$$

## Page 144-146

1, 2 [no number line], 6, 7[b,c]

8, 10 [b,c], 11 [c,d], 12, 16 [c,d],  
19, 23 [omit g]

Pg 146 → Answers  
Pg 485-486

Pg 149 → Pg 486

