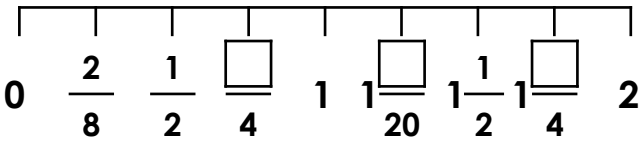
Fractions on a Number Line

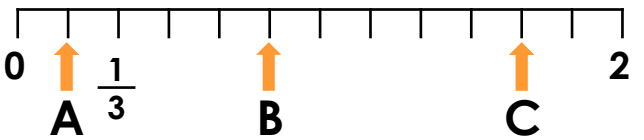
1. Complete the missing fractions.



VF

2. Match the fractions to their place on the number line.

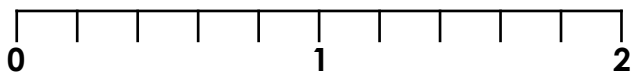
$\frac{10}{12}$ $\frac{1}{6}$ $1\frac{2}{3}$



VF

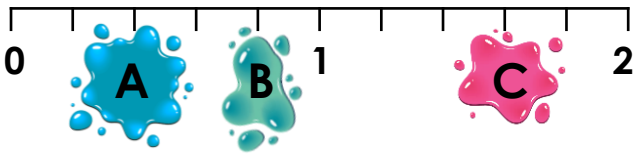
3. Use <, > or = to compare the fractions below. Use the number line to help you.

$1\frac{7}{10}$ □ $\frac{9}{5}$



VF

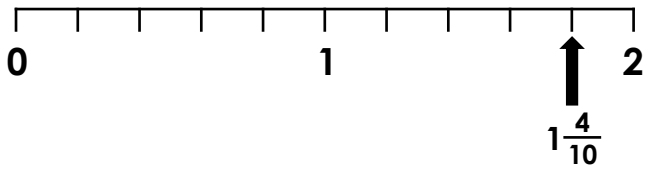
4. Three fractions have been placed on the number line below but have been covered in slime.



What could the fractions be? Give three possibilities.

PS

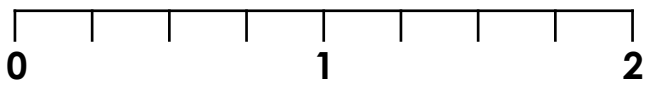
5. Jennifer has been asked to place $1\frac{4}{10}$ on the number line.



Explain her mistake.

R

6. Label each of the children's fractions on the number line.



Victor

My fraction is $\frac{1}{4}$ larger than Jane's.

Mine is $\frac{6}{8}$ smaller than 1.

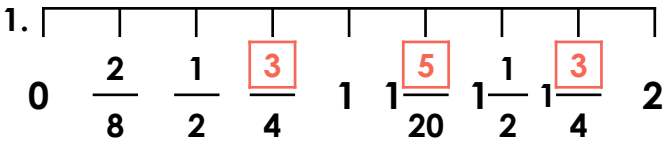
Carly

Jane

Mine is 1 whole greater than Carly's.

PS

Fractions on a Number Line

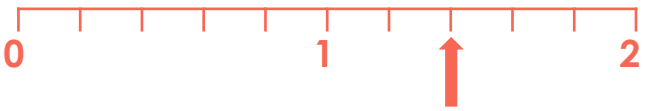
1. 

2. A. $\frac{1}{6}$ B. $\frac{10}{12}$ C. $1\frac{2}{3}$

3. <

4. A. $\frac{2}{5}$, $\frac{4}{10}$ or $\frac{6}{15}$ B. $\frac{4}{5}$, $\frac{8}{10}$ or $\frac{12}{15}$ C. $1\frac{3}{5}$, $1\frac{6}{10}$ or $1\frac{9}{15}$

5. Jennifer has not considered the number of intervals that makes up the number line. The number line is split into fifths, not eighths. Therefore $1\frac{4}{10}$ should be placed as below.



6. 

Accept equivalent answers.