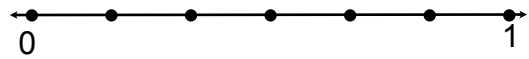
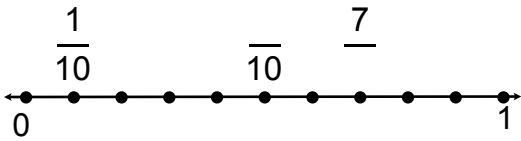
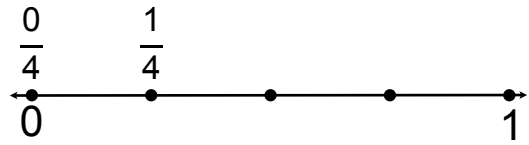
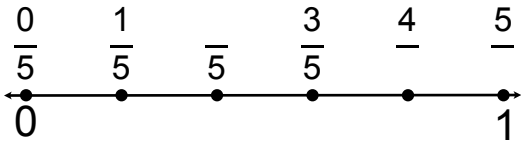
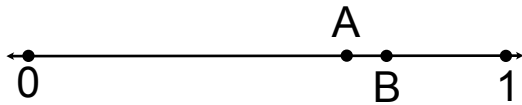


# FRACTIONS ON THE NUMBER

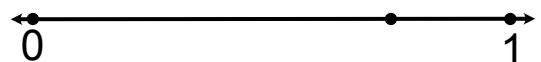
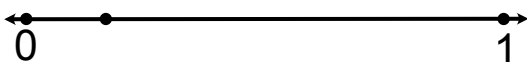
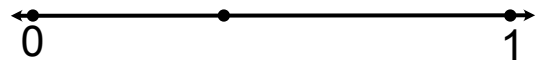
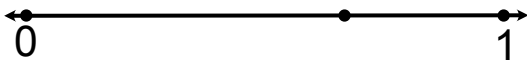
Fill in the missing fractions by labeling each point on the number line.



On the number line below, there are points labeled A and B. You know that one of the points is  $\frac{2}{3}$  and the other is  $\frac{3}{4}$ . How can you figure out which is which? Explain your thinking.

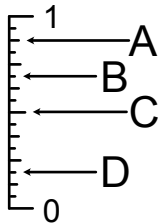


Below is a number line with multiple labeled points. What number could each point on the number line represent? You'll need to eyeball and estimate your answer, but you'll probably get the best answer by trying to divide up the number line to determine the point.

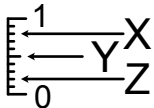


# MEASUREMENT FRACTIONS

Inches are a unit of measure that usually gets broken up into 16 equal pieces. Below is a 1-inch ruler that has locations marked with letters A, B, C, and D. What fraction is represented by each letter?

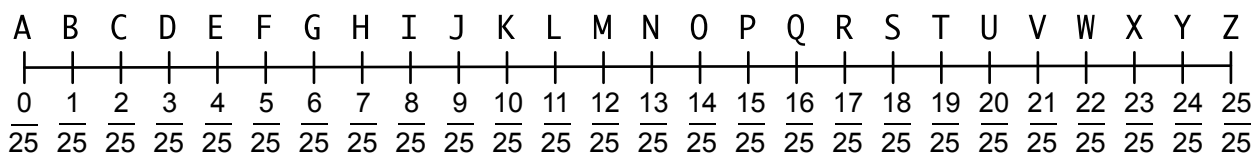


Centimeters are a unit of measure that usually gets broken up into 10 equal pieces (called millimeters). Below is a 1-centimeter ruler that has locations marked with letters X, Y, and Z. What fraction is represented by each letter?



## Bonus Thinking Puzzle!

What is a mathematician's favorite snake? Use the fractions to decode the answer.



$$\frac{0}{25} - \frac{15}{25} + \frac{8}{25} - \frac{19}{25} + \frac{7}{25} - \frac{14}{25} + \frac{13}{25}$$