

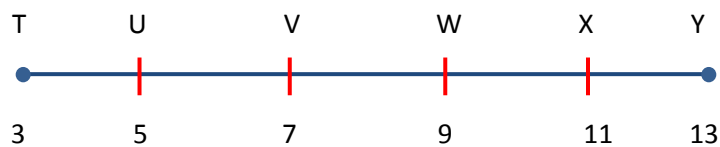
## Relative Conditional Probability - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem.

\_\_\_\_\_ 1. A point on the line segment is chosen at random. What is the probability it is between 3 and 13? a  $\frac{2}{5}$



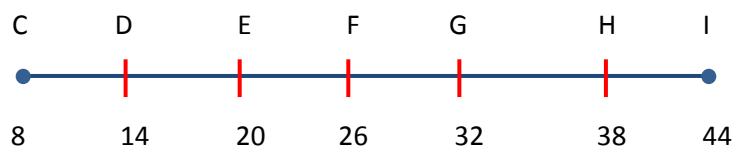
\_\_\_\_\_ 2. A point on  $\overline{TY}$  is chosen at random. What is the probability it is also on  $\overline{UW}$ ? b  $\frac{1}{3}$



\_\_\_\_\_ 3. A point on the line segment is chosen at random. What is the probability it is between 4 and 8? c  $\frac{5}{6}$



\_\_\_\_\_ 4. A point on  $\overline{CI}$  is chosen at random. What is the probability it is also on  $\overline{EG}$ ? d  $\frac{16}{25}$



\_\_\_\_\_ 5. A point on the line segment is chosen at random. What is the probability it is between 11 and 27? e  $\frac{4}{5}$

