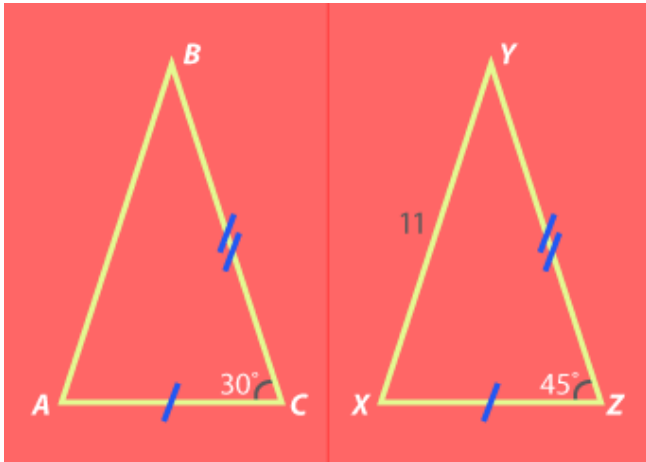
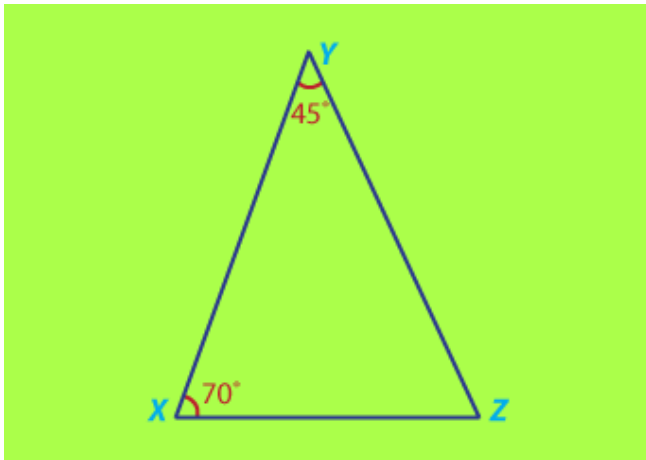


Directions: Please choose the best answer choice for each of the following questions.

1. Given the figure below, which of the following could be the length of AB ?



- A. 9
 B. 11
 C. 15
 D. 19
2. Which of the following statements regarding the figure below is true?



- A. XZ is the longest side of $\triangle XYZ$.
 B. YZ is the longest side of $\triangle XYZ$.
 C. XY is the longest side of $\triangle XYZ$.
 D. YZ is the shortest side of $\triangle XYZ$.

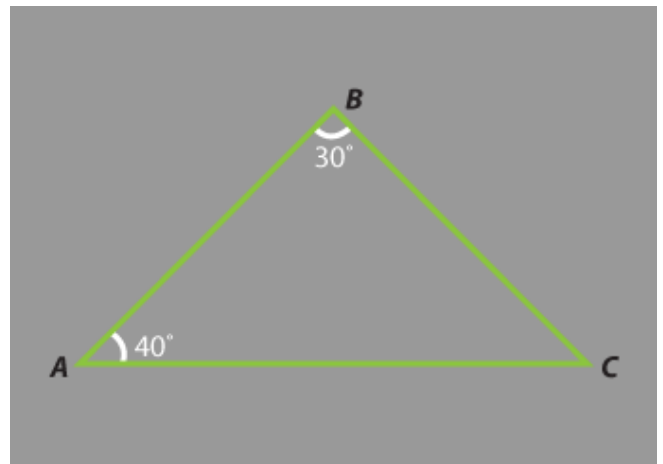
3. In $\triangle PQR$, $PQ = 12$ inches and $QR = 20$ inches. Which inequality describes the range of possible lengths for \overline{PR} ?

- A. $0 \text{ inches} < PR < 32 \text{ inches}$
 B. $0 \text{ inches} \leq PR \leq 32 \text{ inches}$
 C. $8 \text{ inches} < PR < 32 \text{ inches}$
 D. $8 \text{ inches} \leq PR \leq 32 \text{ inches}$

4. Kendra is making a triangular tabletop. She measures one side of the top to be 7 inches and another to be 9 inches. Which of the following CANNOT be the length of the third side?

- A. 11 inches
 B. 13 inches
 C. 15 inches
 D. 17 inches

5. Which of the following statements regarding the figure below is true?



- A. AB is the longest side of $\triangle ABC$.
 B. AC is the longest side of $\triangle ABC$.
 C. BC is the shortest side of $\triangle ABC$.
 D. AB is the shortest side of $\triangle ABC$.

Stop! You have finished this exam.