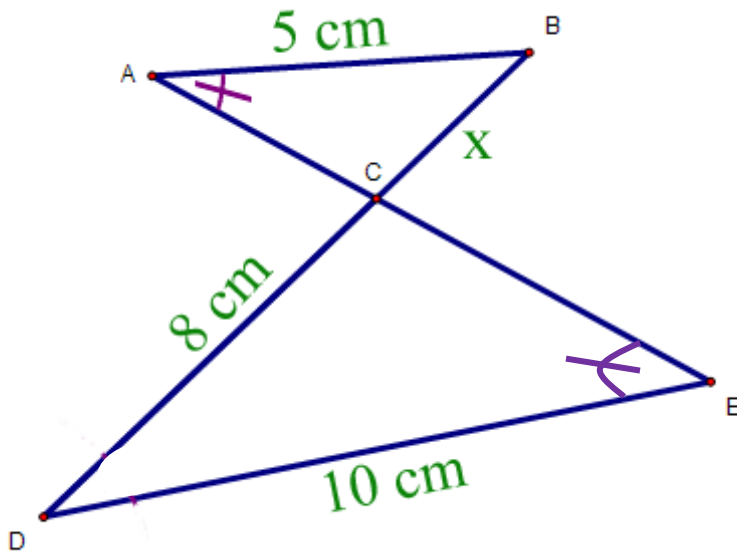


## EXIT SLIP:

Using the figure below answer the following questions:



1. Prove that  $\triangle ABC \sim \triangle DEC$  using one of the similarity short cuts. Quickly explain how you came to that conclusion.
2. Find the value of  $X$ .