
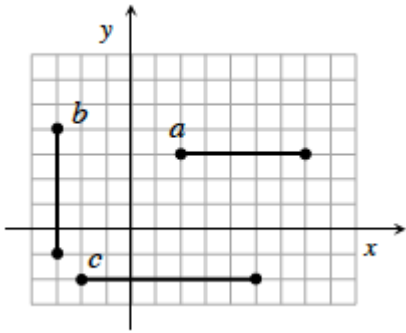

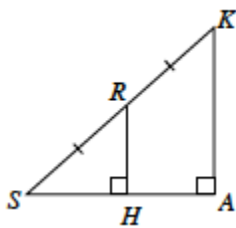



7-119. The diagram below shows three bold segments. Find the coordinates of the midpoint of each segment. [Homework Help](#) 

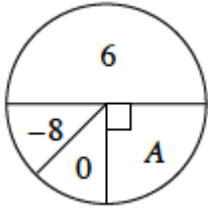


7-120. Examine the diagram below. [Homework Help](#) 




- Are the triangles in this diagram similar? Justify your answer using similarity transformations.
- What is the relationship between the lengths of HR and AK ? Between the lengths of SH and SA ? Between the lengths of SH and HA ?
- If $SK = 20$ units and $RH = 8$ units, what is HA ?

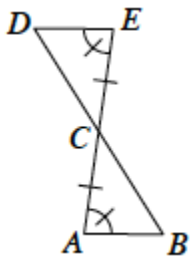
7-121. Examine the spinner below. Assume that the probability of spinning a -8 is equal to that of spinning a 0 . [Homework Help](#) 



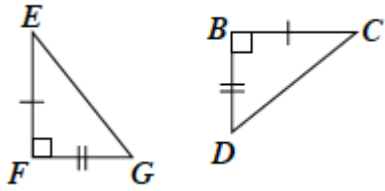
- Find the spinner's expected value if the value of region A is 8 .
- Find the spinner's expected value if the value of region A is -4 .
- What does the value of region A need to be so that the expected value of the spinner is 0 ?

7-122. For each pair of triangles below, determine if the triangles are congruent. If the triangles are congruent, state the triangle congruence condition that justifies your conclusion. If you cannot conclude that the triangles are congruent, explain why not. [Homework Help](#) 

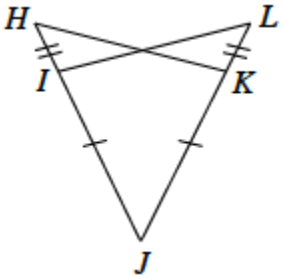
- a. $\triangle CAB \cong \triangle$ _____



b. $\triangle CBD \cong \triangle$ _____



c. $\triangle LJI \cong \triangle$ _____



d. $\triangle PRQ \cong \triangle$ _____

