

Warm Up

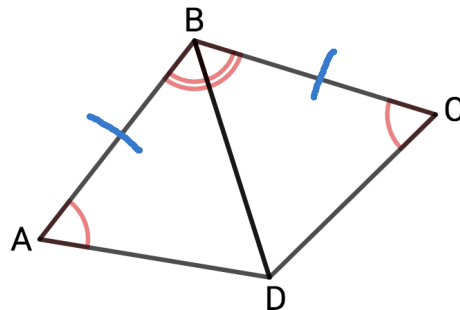
How many Snickers are in the bag?

Too Low	Official Guess	Too High

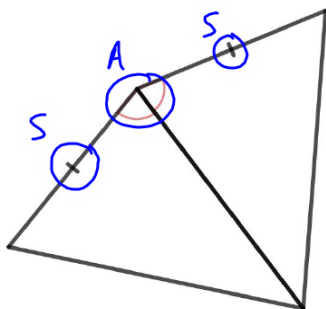
What is the mistake in the problem below? Identify it and make the necessary changes.

Given $\angle A \cong \angle C, \angle DBA \cong \angle DBC$

Prove $\triangle ABD \cong \triangle CBD$



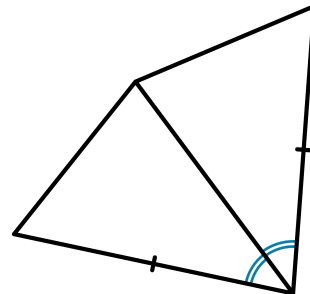
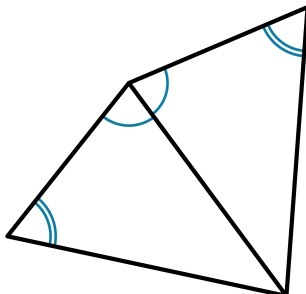
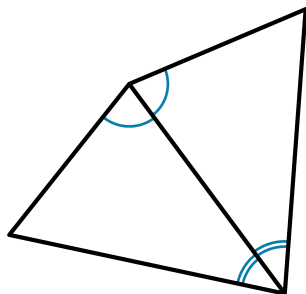
Student reasoning: I think it's ASA because there is a side in the middle of two given angles.



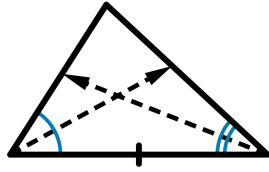
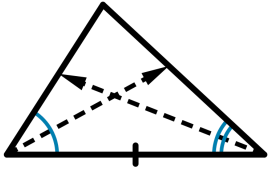
SAS is correct here. What is incorrect about the work shown?

Based on the free chance...

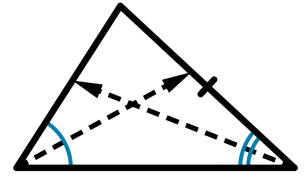
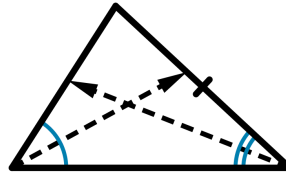
Which triangle congruence criteria works for each?



Angle-Side-Angle (ASA)



Angle-Angle-Side (AAS)



In your own words, explain the difference between ASA and AAS based on the images above.

ASA or AAS?

Draw your own ASA.

Draw your own AAS.

