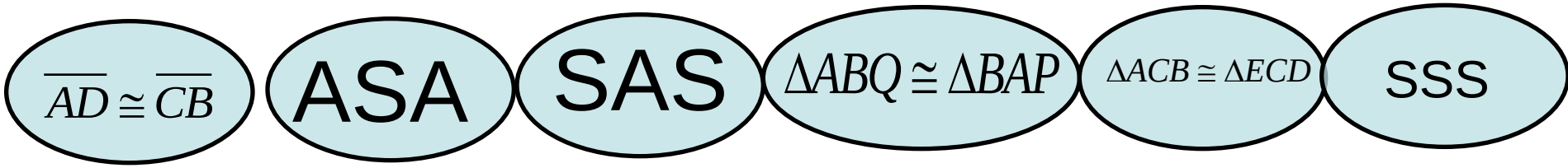
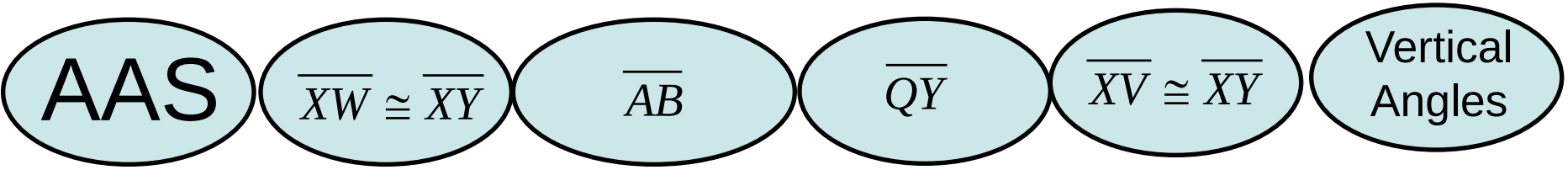
Congruent Triangles Scavenger Hunt

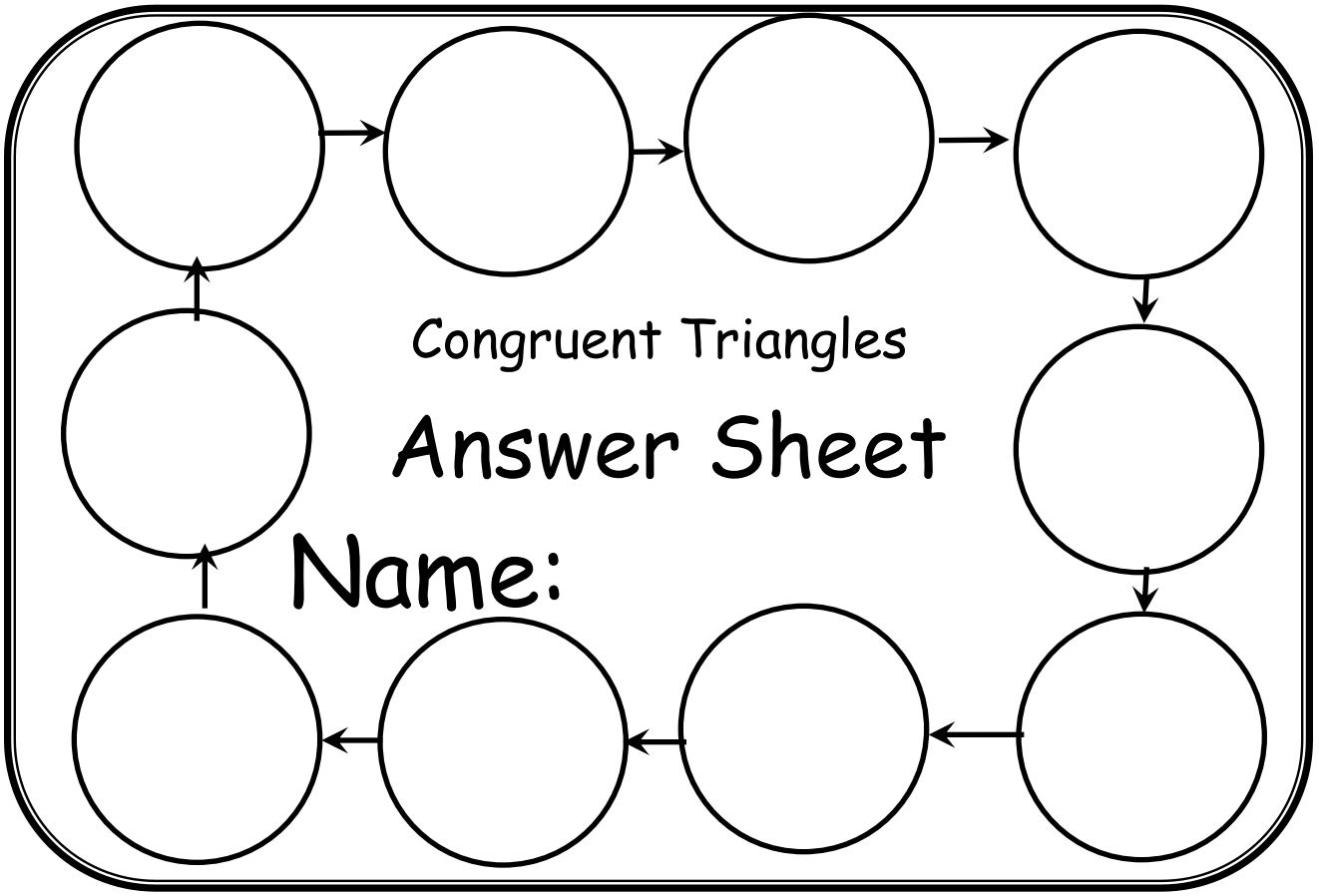
Cut out each of the question slides and place them around the room, stick them on the walls if you wish.

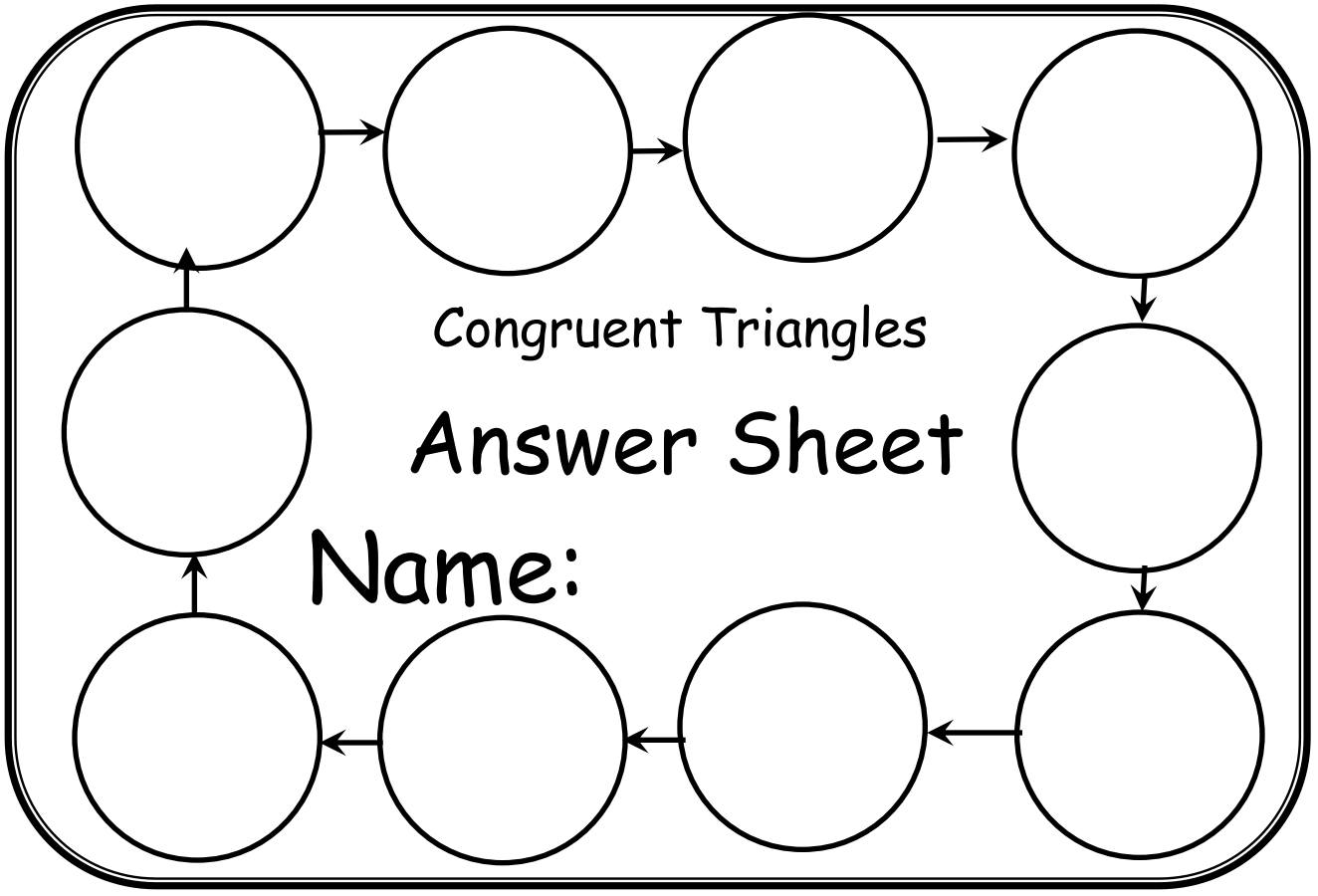
Print out and distribute the answer sheet, one per pupil, or team, and set them off to find the answers.

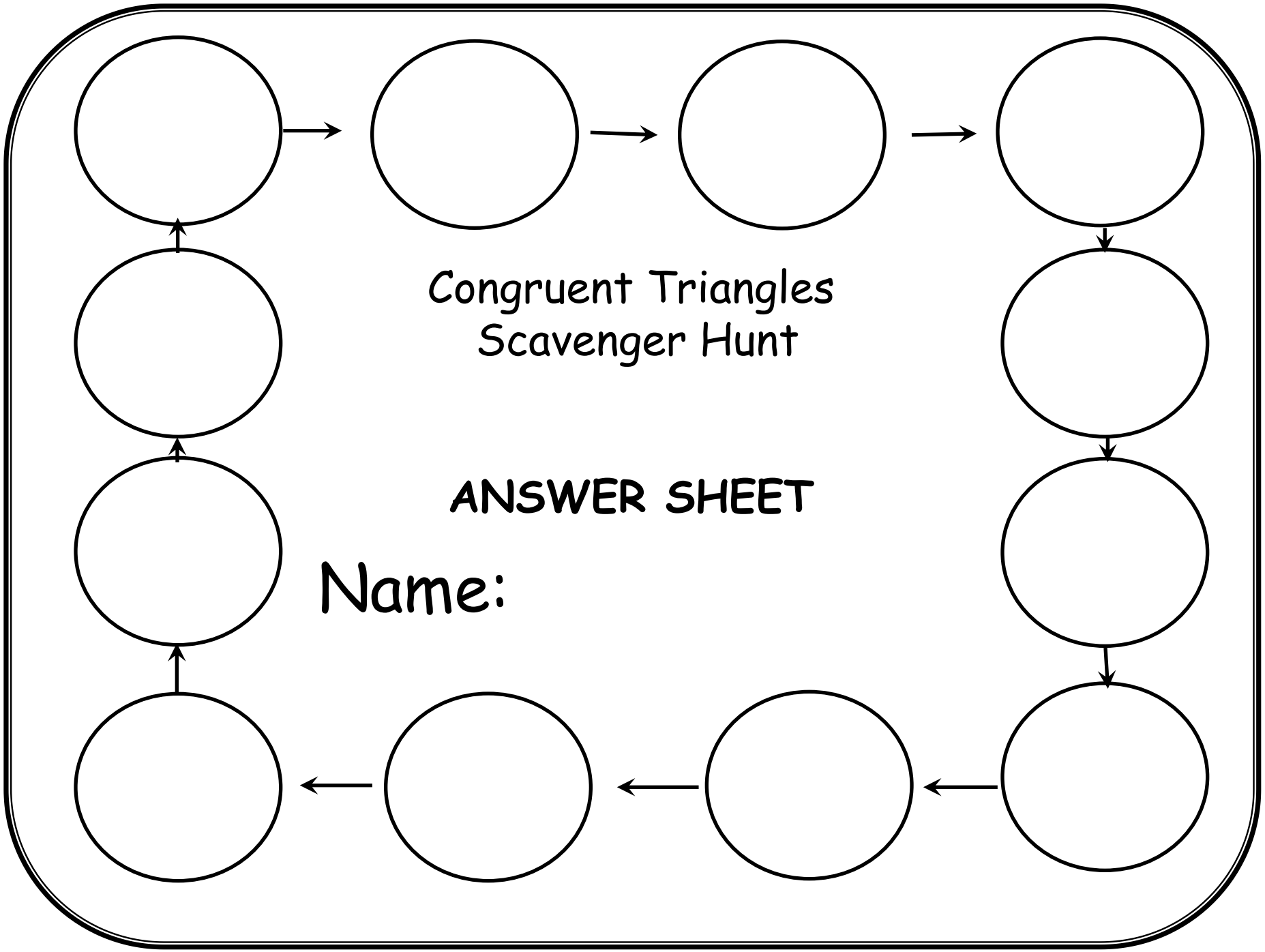
The correct sequence is:






Congruent Triangles
Answer Sheet
Name:

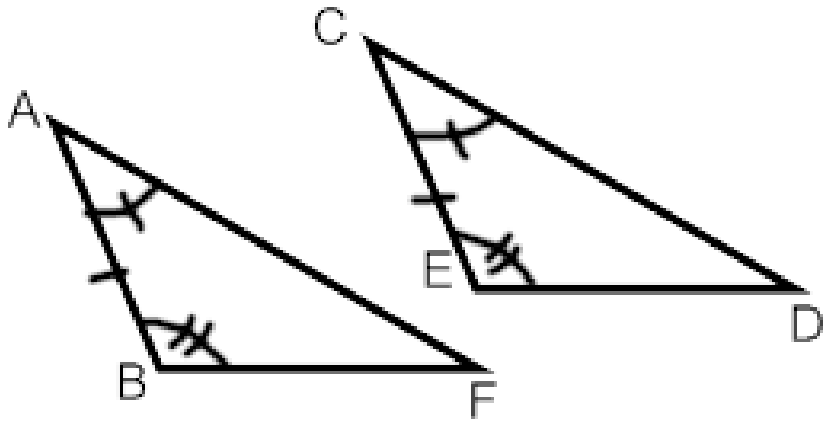

Congruent Triangles
Answer Sheet
Name:


Congruent Triangles
Scavenger Hunt
ANSWER SHEET
Name:

$\overline{AD} \cong \overline{CB}$

Previous Answer

Congruent Triangles Scavenger Hunt



What triangle congruence postulate would prove $\Delta ABF \cong \Delta CED$?

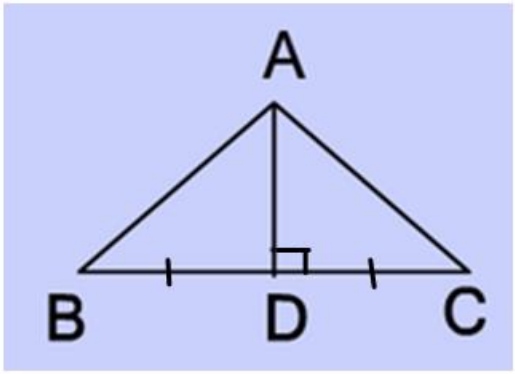
?

To the next clue

ASA

Previous Answer

Congruent Triangles Scavenger Hunt



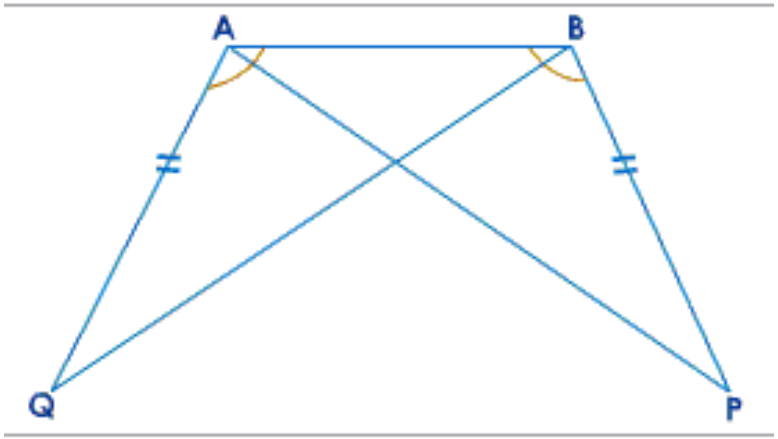
What triangle congruence postulate would prove $\Delta ABD \cong \Delta ACD$?

?

SAS

Previous Answer

Congruent Triangles Scavenger Hunt



Which two triangles are congruent?

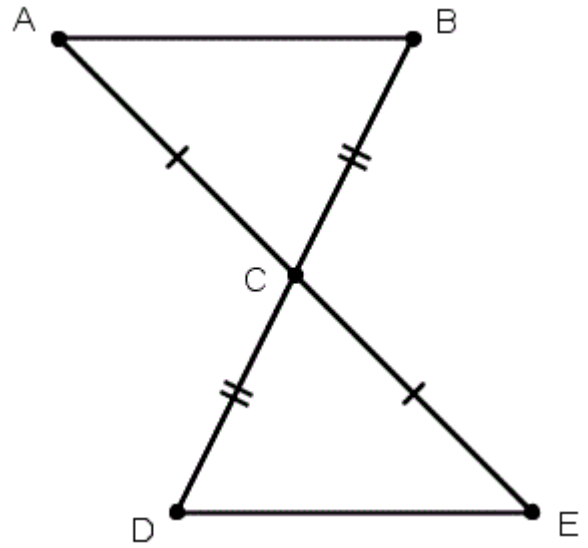
?

To the next clue

$\Delta ABQ \cong \Delta BAP$

Previous Answer

Congruent Triangles Scavenger Hunt



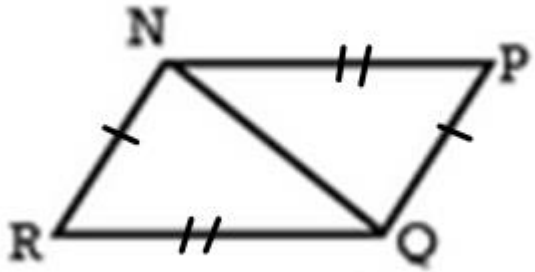
Which two triangles are congruent?

?

$\Delta ACB \cong \Delta ECD$

Previous Answer

Congruent Triangles Scavenger Hunt



What triangle congruence postulate would prove $\Delta RNQ \cong \Delta PQN$?

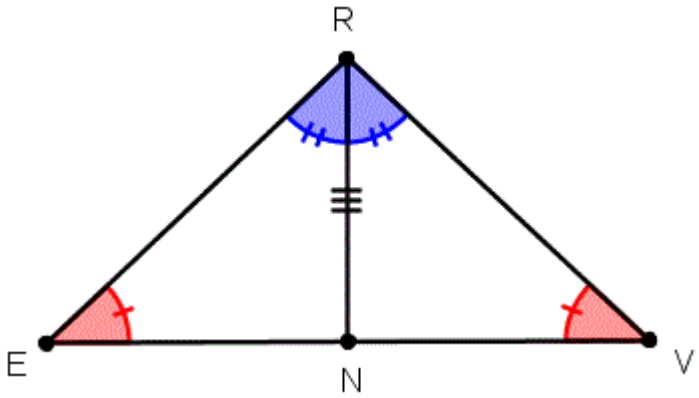
?

To the next clue

SSS

Previous Answer

Congruent Triangles Scavenger Hunt



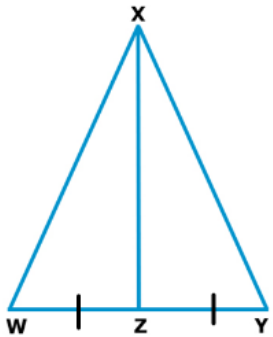
What triangle congruence postulate would prove $\Delta REN \cong \Delta RVN$

?

AAS

Previous Answer

Congruent Triangles Scavenger Hunt



To prove the triangles congruent by SSS what additional information would you need to know?

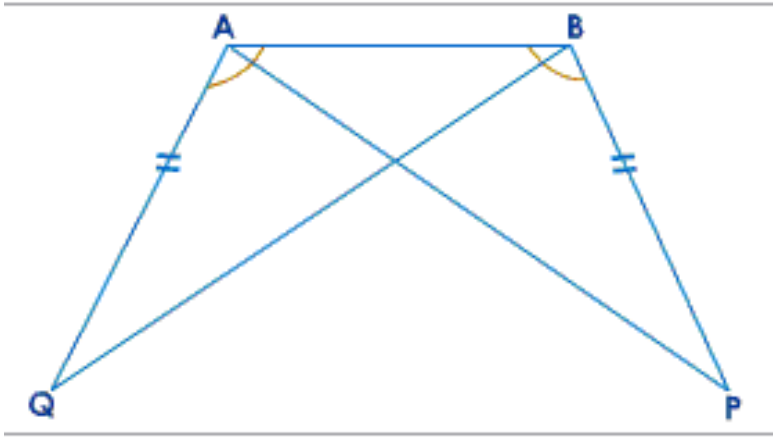
?

To the next clue

$\overline{XW} \cong \overline{XY}$

Previous Answer

Congruent Triangles Scavenger Hunt



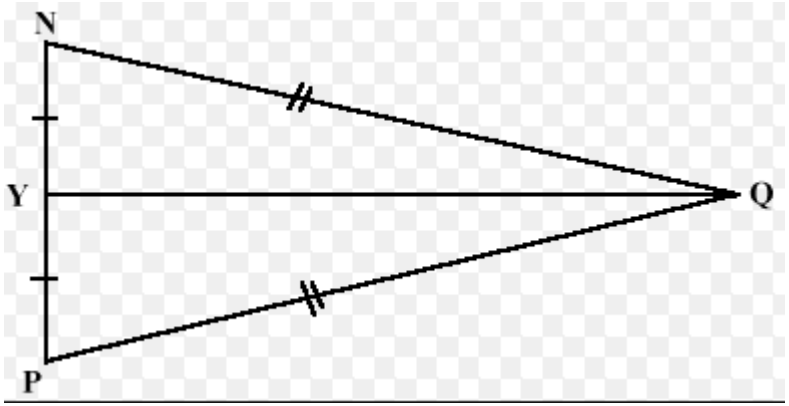
What side do the two triangles share?

?

$\overline{AB}$

Previous Answer

Congruent Triangles Scavenger Hunt



In this diagram, what side is shared between the two triangles?

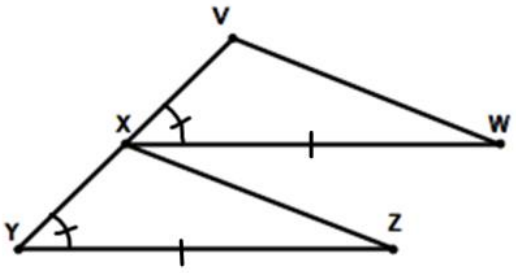
?

To the next clue

$\overline{QY}$

Previous Answer

Congruent Triangles Scavenger Hunt



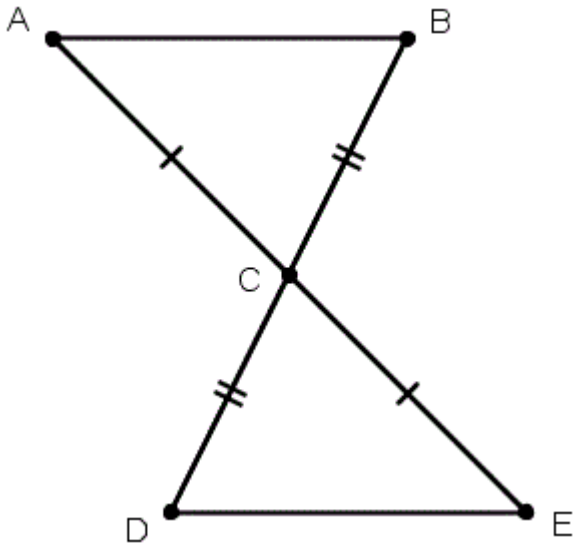
To prove the triangles congruent by SAS, what other information would you need to know?

?

$\overline{XV} \cong \overline{XY}$

Previous Answer

Congruent Triangles Scavenger Hunt



What type of angles are

$\angle ACB \cong \angle ECD$

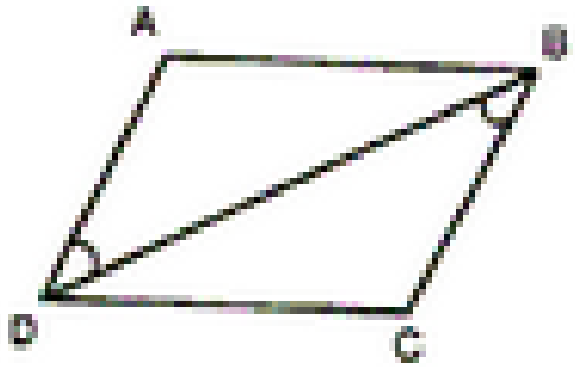
?

To the next clue

Vertical Angles

Previous Answer

Congruent Triangles Scavenger Hunt



If you needed to prove $\Delta ABD \cong \Delta CDB$ by SAS, what information would you need to know?

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