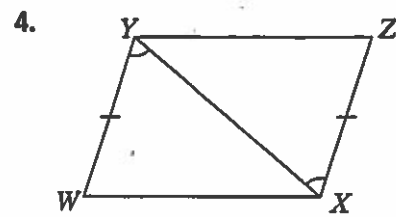
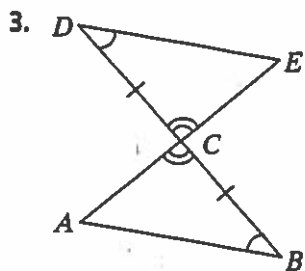
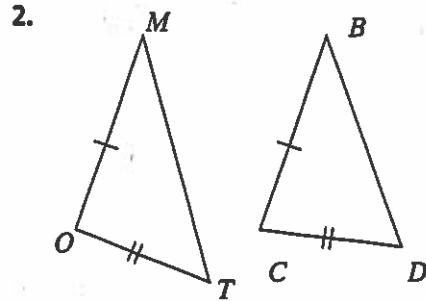
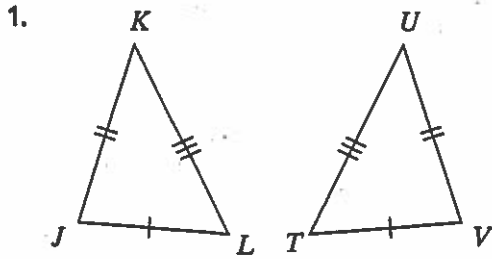


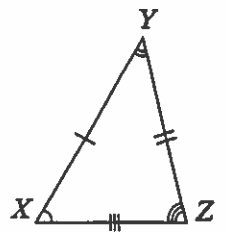
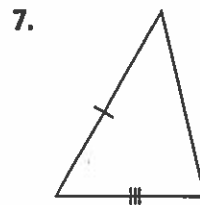
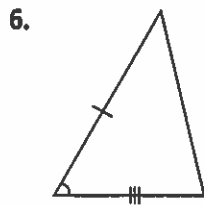
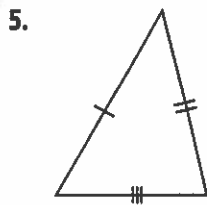
Practice 7-3

Congruent Polygons

Determine whether each pair of triangles is congruent. Explain.



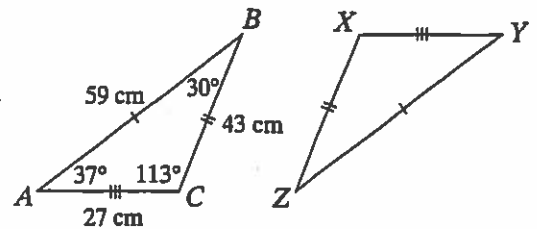
Determine if each triangle in Exercises 5–7 is congruent to $\triangle XYZ$ at the right.



For Exercises 8–9, use the triangles at the right.

8. $\triangle XYZ \cong$ _____ by _____

9. Find the missing measures for $\triangle XYZ$.



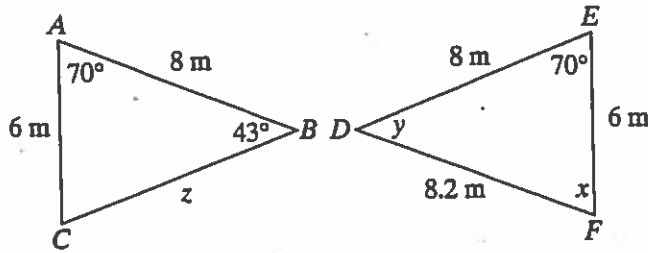
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Puzzle 7-3

Congruent Polygons

Triangle ABC is congruent to triangle EDF . Use this information to find the missing measures in the diagram.



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$m\angle C =$ _____ $x =$ _____ $y =$ _____ $z =$ _____

Now check your answers with the clues below.

A Wisconsin freeway, the car number of a seven-time NASCAR champion, and the nickname of a U.S. President. (y)

Part of the name of a Canadian junior hockey team, based in Ottawa, and part of the name of an elliptical galaxy in the constellation Andromeda. (x)

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