

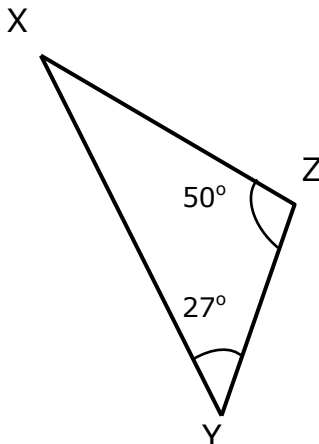
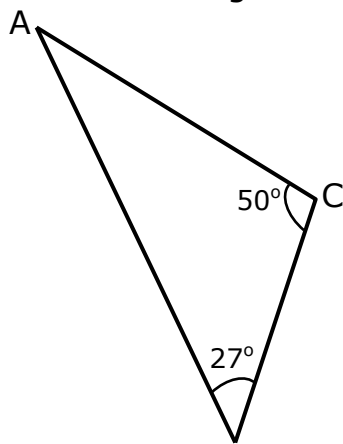
Name _____

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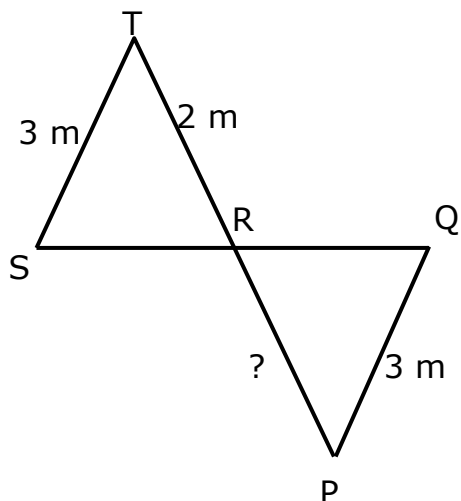
Triangles (Similarity and Congruence) - Independent Practice Worksheet

Complete all the problems.

1. Are these triangles similar?

Yes ☐No ☐

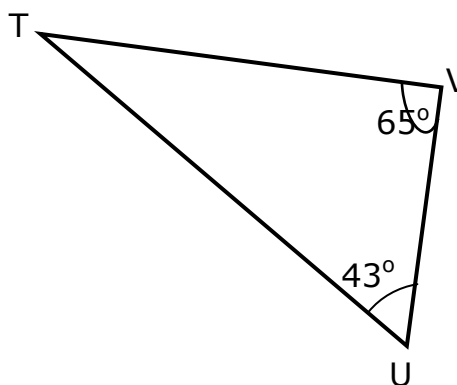
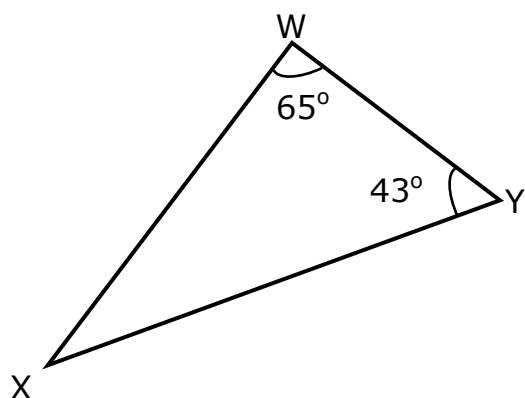
If yes, write a similarity statement.

 Δ $\sim \Delta$ 2. In the given triangles below, $\Delta PQR \sim \Delta STR$. Find the missing length.

Name _____

Date _____

3. Are these triangles similar?



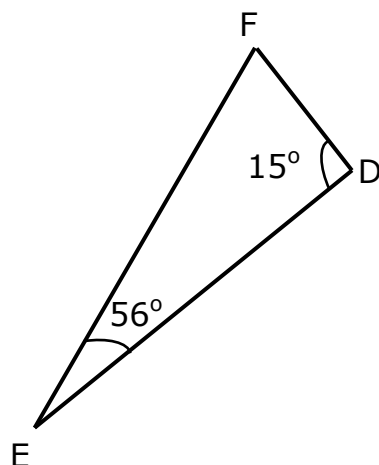
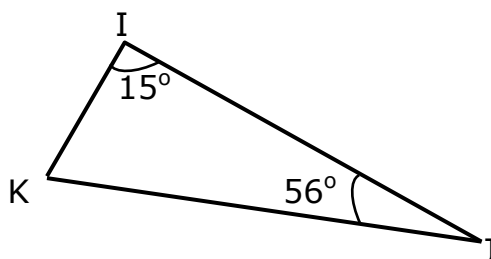
Yes ☐

No ☐

If yes, write a similarity statement.

Δ $\sim \Delta$

4. Are these triangles similar?



Yes ☐

No ☐

If yes, write a similarity statement.

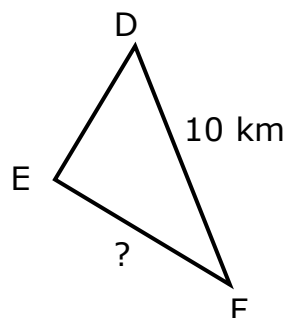
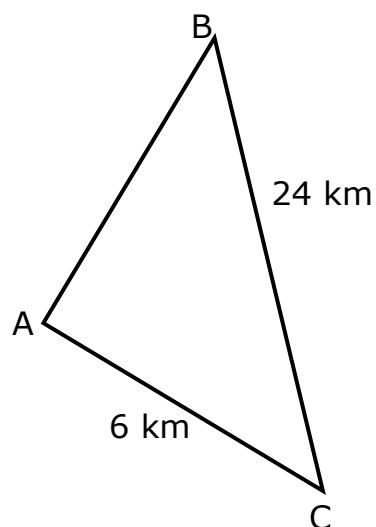
Δ $\sim \Delta$



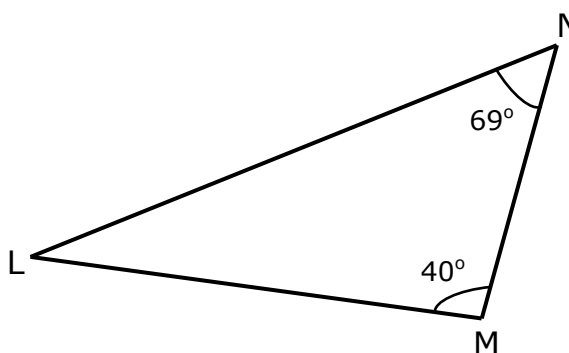
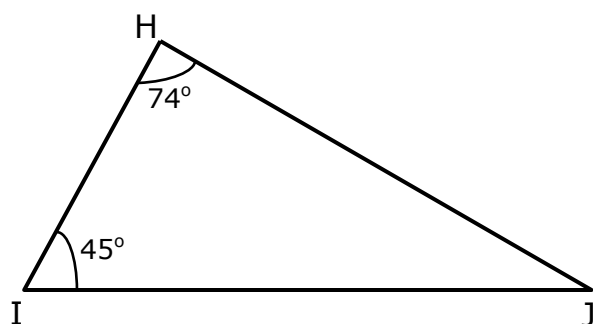
Name _____

Date _____

5. In the given triangles below, $\triangle PQR \sim \triangle STR$. Find the missing length.



6. Are these triangles similar?



Yes ☐

No ☐

If yes, write a similarity statement.

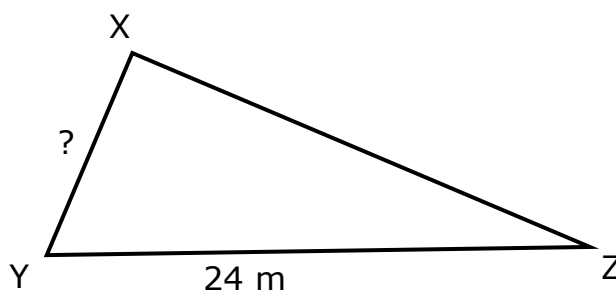
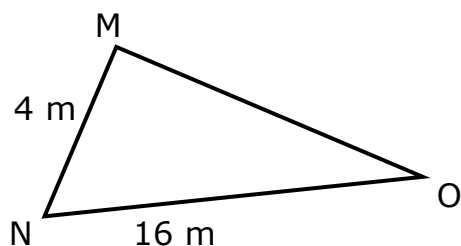
$\triangle$ $\sim \triangle$



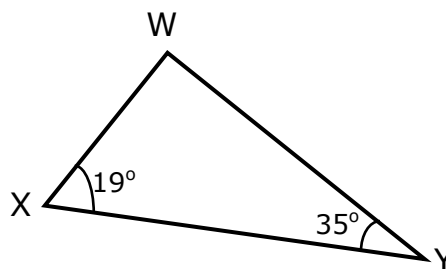
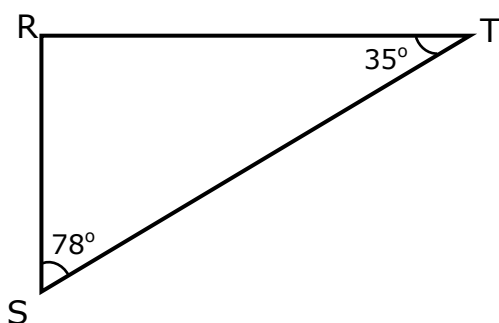
Name _____

Date _____

7. In the given triangles below, $\triangle MNO \sim \triangle XYZ$. Find the missing length.



8. Are these triangles similar?



Yes ☐

No ☐

If yes, write a similarity statement.

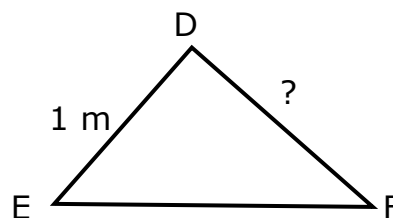
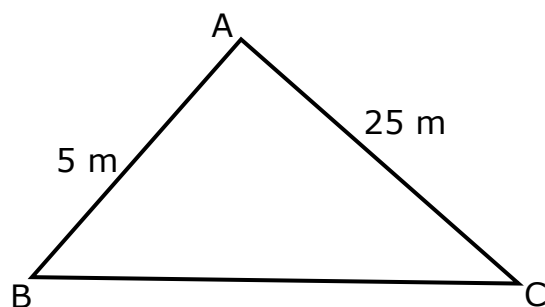
$\triangle$ $\sim \triangle$



Name _____

Date _____

9. In the given triangles below, $\triangle ABC \sim \triangle DEF$. Find the missing length.



10. In the given triangles below, $\triangle KLM \sim \triangle XYZ$. Find the missing length.

