

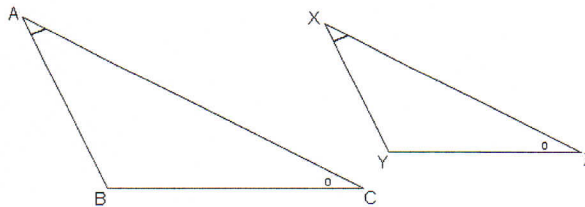
Similar Triangles Practice

1. Given: $\triangle ABC \sim \triangle XYZ$.

Complete the statements.

In $\triangle ABC$ and $\triangle XYZ$,

- a) $\angle A$ corresponds to $\angle ?$
- b) $\angle B$ corresponds to $\angle ?$
- c) $\angle Z$ corresponds to $\angle ?$
- d) side AB corresponds to side $?$
- e) side BC corresponds to $?$
- f) side ZX corresponds to $?$

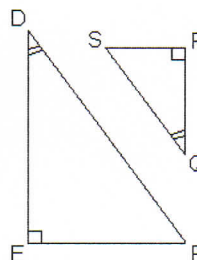


2. Given: $\triangle DEF \sim \triangle QRS$.

Complete the statements.

In $\triangle DEF$ and $\triangle QRS$,

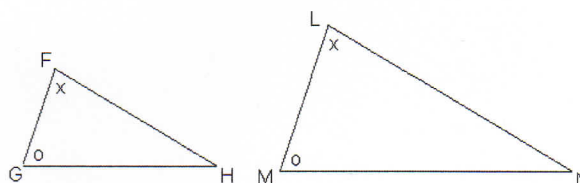
- a) $\angle D$ corresponds to $\angle ?$
- b) $\angle R$ corresponds to $\angle ?$
- c) $\angle F$ corresponds to $\angle ?$
- d) side DE corresponds to side $?$
- e) side EF corresponds to $?$
- f) side SQ corresponds to $?$



3. These two triangles are similar.

Complete the statement that shows the correct correspondence between the vertices of the triangles.

$\triangle FGH$ is similar to $\triangle ?$



4. Complete the statements about the pair of similar triangles.

- a) $\frac{RS}{US} = \frac{QR}{?}$
- b) $\frac{SQ}{ST} = \frac{?}{TU}$
- c) $\frac{US}{RS} = \frac{ST}{?}$
- d) $\frac{QR}{?} = \frac{?}{ST}$
- e) $\angle QRS = \angle ?$
- f) $\angle UST = \angle ?$

