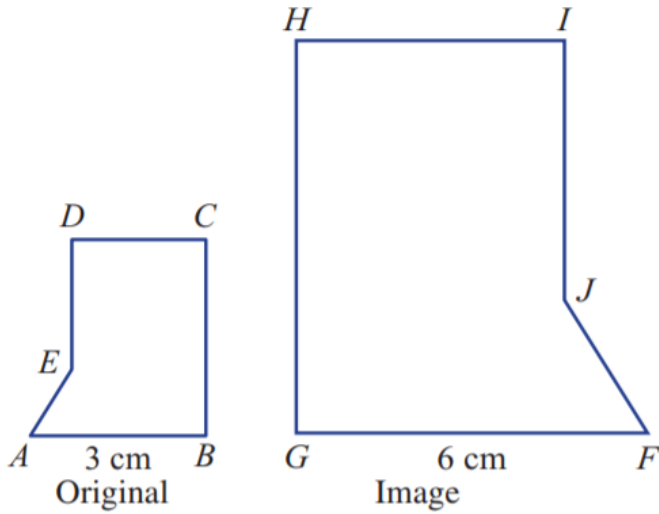


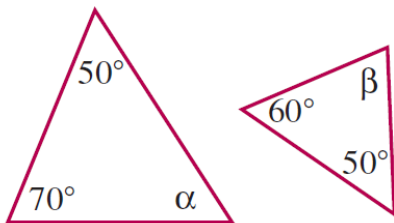
1 The two figures below are similar.

- a Name the angle in the larger figure which corresponds to $\angle A$.
- b Name the angle in the smaller figure which corresponds to $\angle I$.
- c Name the side in the larger figure which corresponds to BC .
- d Name the side in the smaller figure which corresponds to FJ .
- e Use FG and AB to find the scale factor.

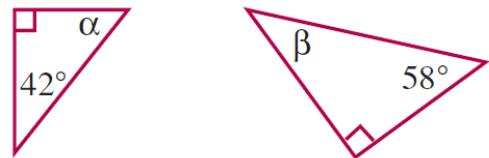


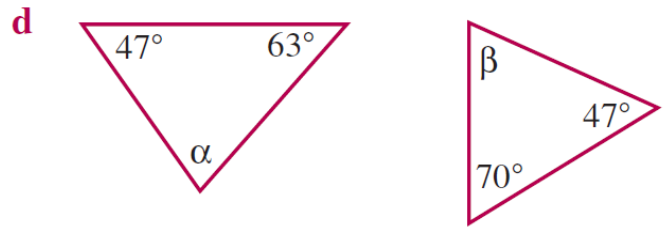
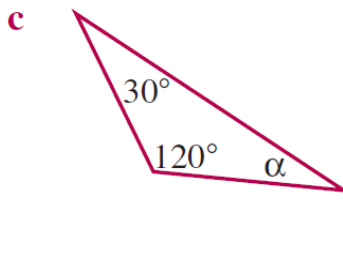
3 Determine whether the triangles below are similar by first finding the missing angles.

a



b





4 Find the ratio of the matching sides in each pair of triangles. Hence determine whether the triangles are similar.

