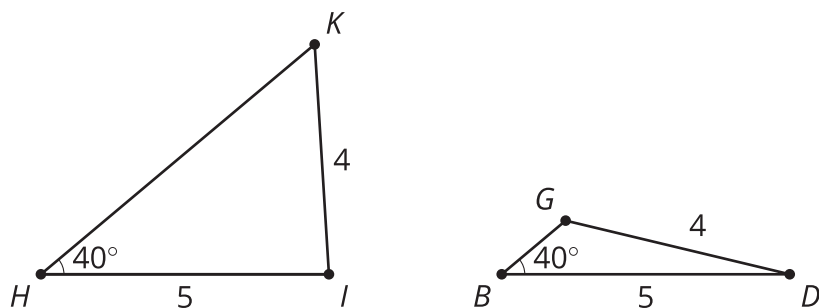


Unit 2 Lesson 11: Side-Side-Angle (Sometimes) Congruence

1 Notice and Wonder: Congruence Fail (Warm up)

Images for Launch



Student Task Statement

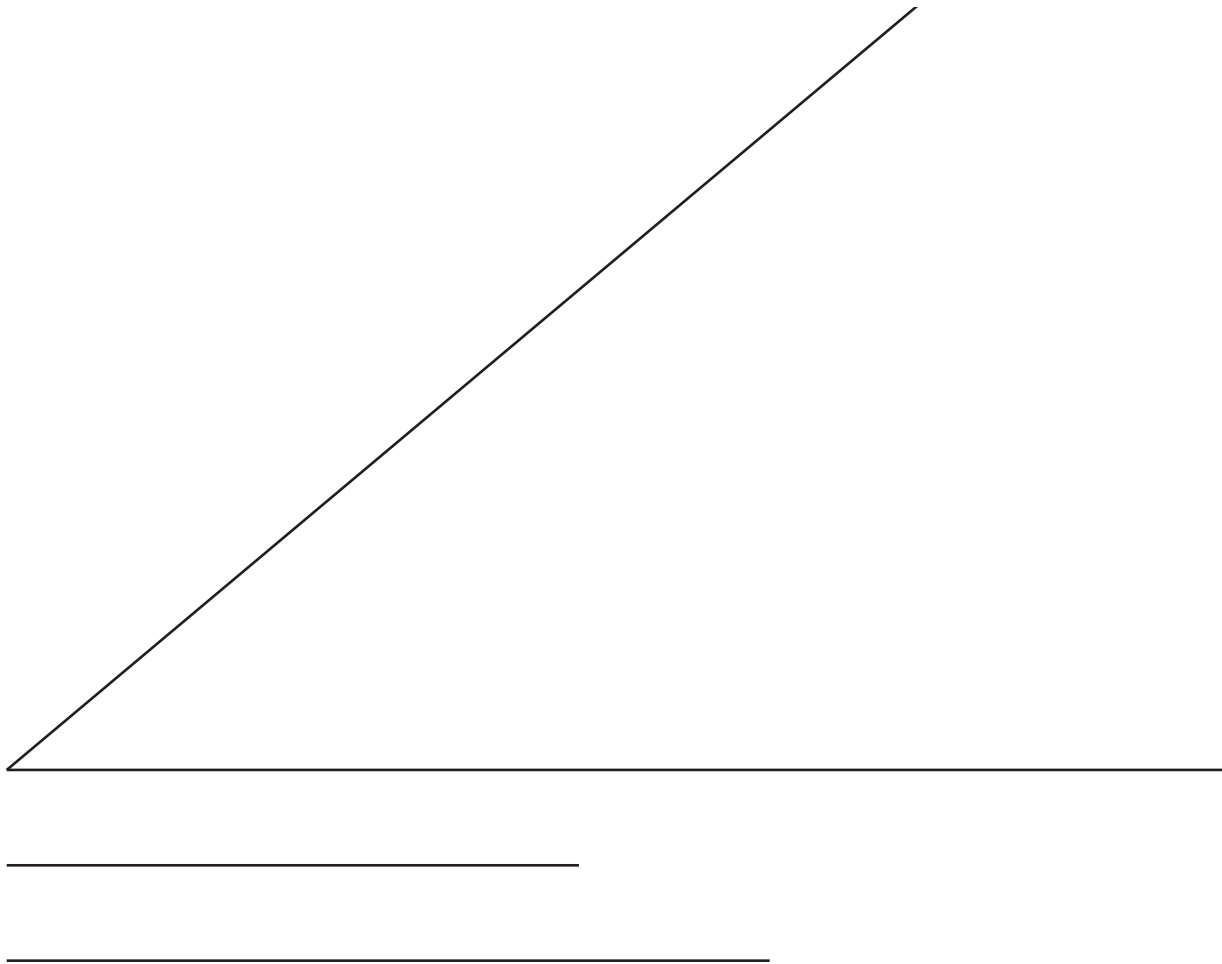
What do you notice? What do you wonder?

In triangles GBD and KHI :

- Angle GBD is congruent to angle KHI .
- Segment BD is congruent to segment HI .
- Segment DG is congruent to segment IK .

2 Dare to Be (Even More) Different (Optional)

Student Task Statement



Copy these segments and use them to make a triangle using the given angle so that the given angle is *not* between the 2 given sides. Draw your triangle on tracing paper. Try to make your triangle different from the triangles drawn by the other people in your group.

3 Ambiguously Ambiguous? (Optional)

Student Task Statement

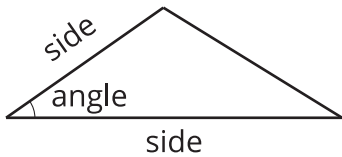
Your teacher will give you some sets of information.

- For each set of information, make a triangle using that information.
- If you think you can make more than one triangle, make more than one triangle.
- If you think you can't make any triangle, note that.

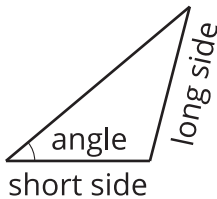
When you are confident they are accurate, create a visual display.

Images for Activity Synthesis

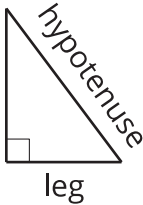
Unique!



Unique!



Unique!



Not unique!

