

CCG 6.1.1: 6-1 Student eTool (CPM)

Click on the link below to access the eTool.

[6-1 Student eTool \(CPM\)](#)

HINT: Use the transformation tools to translate, rotate, and reflect the triangles to explore your idea. Click the center of each triangle to access these tools. For more directions, click the "?" icon above.

CCG 6-1 Student eTool

▼ Notes

6-1. Examine the triangles at right.

b. Are these triangles also congruent? Explain how you know.

HINT: Use the transformation tools to translate, rotate, and reflect the triangles to explore your idea. Click the center of each triangle to access these tools. For

► Show/Hide Labels

► Side Lengths and Ratios

The image displays two right-angled triangles, ABC and FED, on a grid background. Triangle ABC has vertices A (top), B (bottom-left), and C (bottom-right). Side AB is 6.0, side BC is 4.5, and side AC is 7.5. Triangle FED has vertices E (top), F (bottom-left), and D (bottom-right). Side FE is 7.5, side FD is 6.0, and side ED is 4.5. Both triangles have right angle symbols at vertices B and F respectively.