

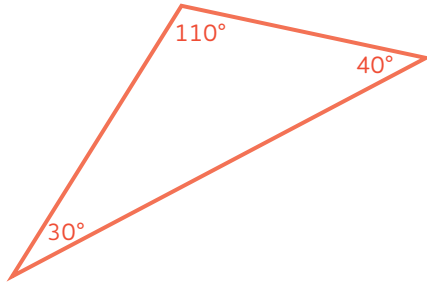
Constructing Triangles Given Conditions



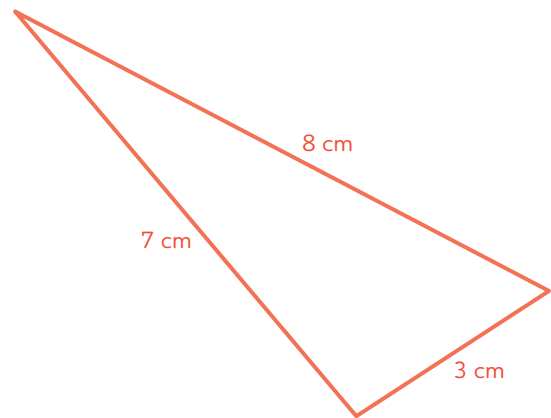
Draw a triangle for each description below. Use a ruler and protractor to help.

Triangles may vary.

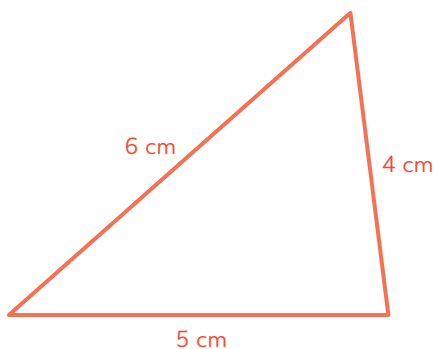
1. A triangle with angle measures of 110° , 40° , and 30°



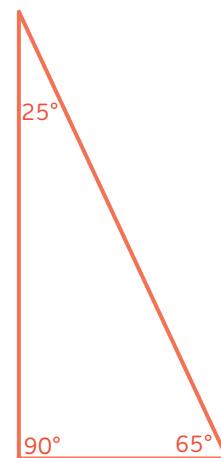
2. A triangle with side lengths of 8 centimeters, 3 centimeters, and 7 centimeters



3. A triangle with side lengths of 4 centimeters, 5 centimeters, and 6 centimeters



4. A triangle with angle measures of 25° , 90° , and 65°

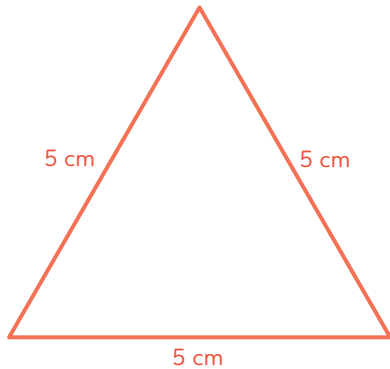


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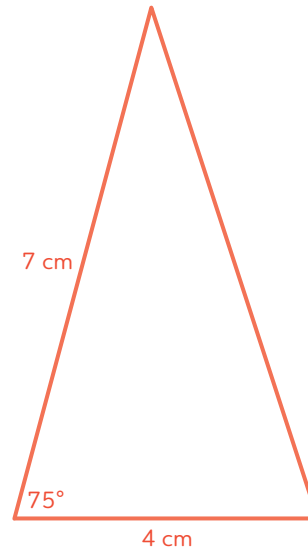
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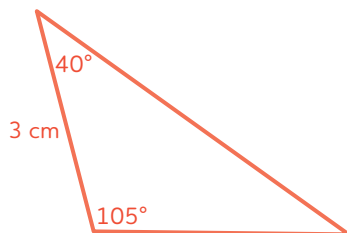
5. An equilateral triangle with side lengths of 5 centimeters



6. A triangle with side lengths of 7 centimeters and 4 centimeters that form a 75° angle



7. A triangle with one side length of 3 centimeters with angles at each end measuring 40° and 105°



8. A triangle with one 50° angle and side lengths of 4 centimeters and 8 centimeters

