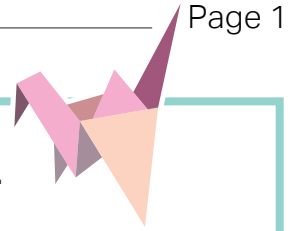


Constructing Triangles Given Conditions



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

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°



Constructing Triangles Given Conditions

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



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

