

WARM-UP EXERCISES

For use before Lesson 4.2, pages 202–210

Tell whether it is possible to draw each triangle.

1. acute scalene triangle
 2. obtuse equilateral triangle
 3. right isosceles triangle
 4. scalene equiangular triangle
 5. right scalene triangle
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DAILY HOMEWORK QUIZ

For use after Lesson 4.1, pages 193–201

The variable expressions represent the angle measures of a triangle. Find the measure of each angle. Then classify the triangle by its angles and by its sides.

1. $m\angle A = (2x + 5)^\circ$; $m\angle B = (3x - 15)^\circ$; $m\angle C = (4x + 10)^\circ$
2. $m\angle K = 10(x + 1)^\circ$; $m\angle L = (9x - 3)^\circ$; $m\angle M = (7x - 9)^\circ$

Find the measure of the exterior angle shown.

3.

