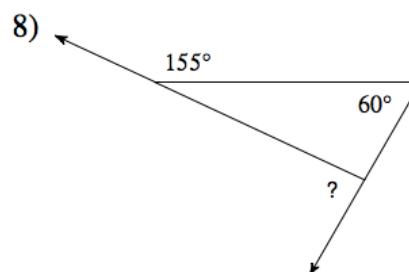
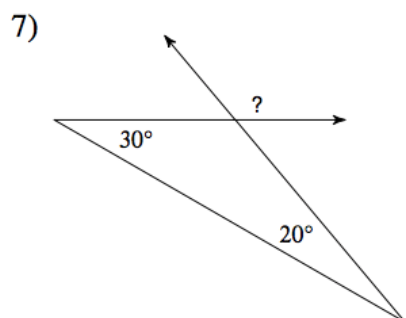
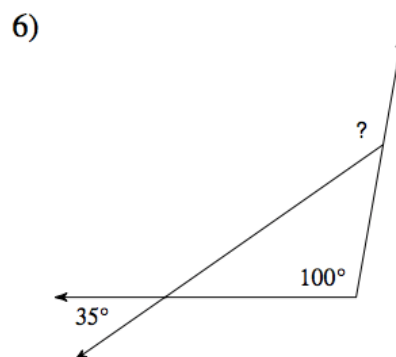
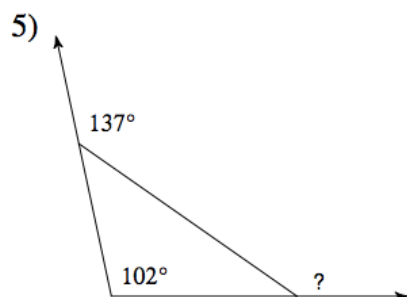
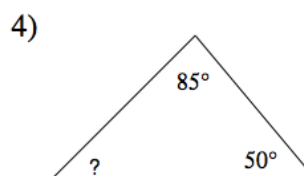
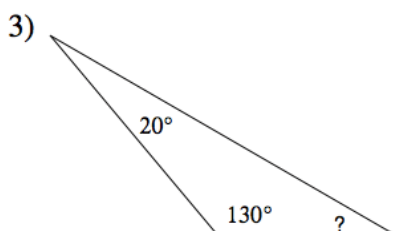
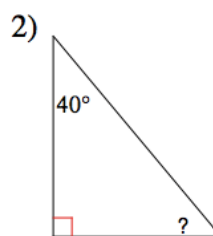
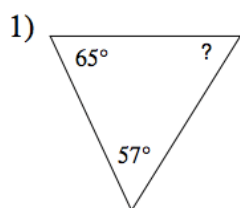


Name: _____

Date: _____

Math 620 – Triangles: Homework

Find the value of the missing angle, in degrees. Please show all of your work!



Name: _____

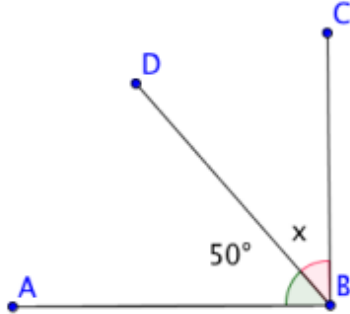
Date: _____

Math 620 – Triangles: Homework

Find the measure of all of the missing angles.

9.

Angle ABC is a right angle.



Angle relationship: _____

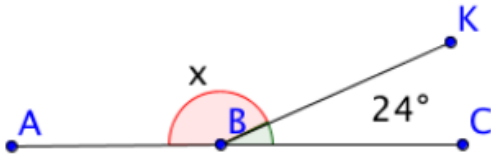
Equation: _____

$x =$ _____

$m\angle DBC =$ _____

10.

Figure ABC is a straight line.



Angle relationship: _____

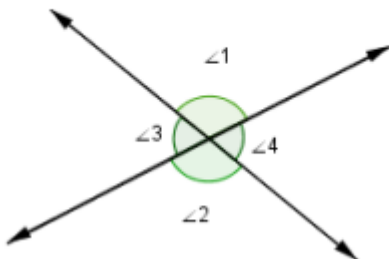
Equation: _____

$x =$ _____

$m\angle ABK =$ _____

11.

Given the $m\angle 1 = (3x + 2)$ and the $m\angle 3 = (2x - 7)$.



Angle relationship: _____

Equation: _____

$x =$ _____

$m\angle 1 =$ _____

$m\angle 2 =$ _____

$m\angle 3 =$ _____

$m\angle 4 =$ _____