

Practice QUIZ: Triangles

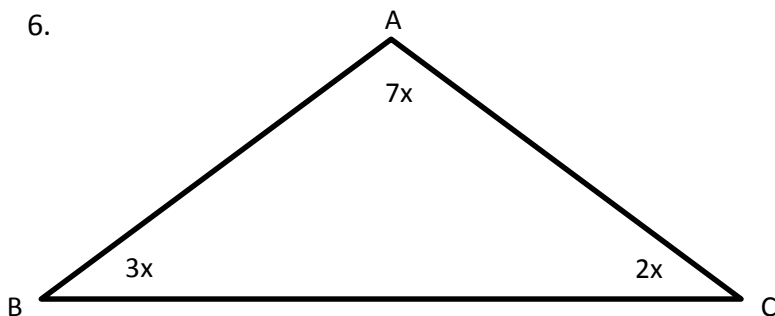
Name: _____

7th Grade Math

For 1–4, identify the type of triangle based on the following information.

1. A(n) _____ triangle has no congruent sides.
2. A triangle with angles 113° , 11° , and 67° is a(n) _____ triangle.
3. A(n) _____ triangle has three congruent sides.
4. A triangle with the angles measuring 60° is a(n) _____ triangle.
5. Sketch a triangle that is obtuse and scalene
6. Sketch a triangle that is acute and isosceles.

Evaluate the value of each angle. Show all of your work for full credit.

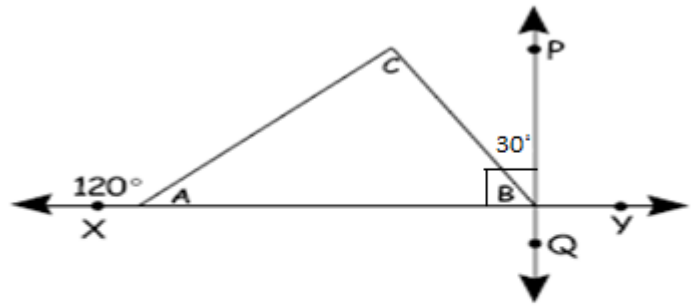


$\angle A =$ _____

$\angle B =$ _____

$\angle C =$ _____

7.



a. How many degrees in angle A? _____

b. How many degrees in angle B? _____

c. How many degrees in angle C? _____

Distinguish if the following sides form a triangle? Show your math to prove your answer. Then circle YES or NO

8. 2 cm, 8 cm, and 7 cm

9. 13 cm, 4 cm, and 9 cm

#8 answer: YES or NO

#9 answer: YES or NO

10. Draw a triangle with the sides 3 cm and 7 cm, and angle of 65° . Then label each side with the correct measurement and the angle with the correct degree amount.