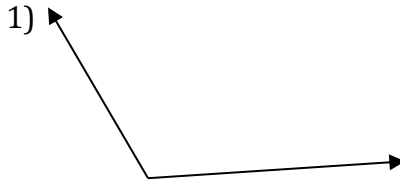

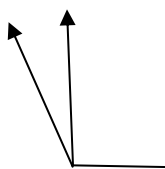


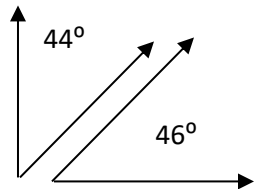
Math 7 Unit 9 Study Guide: Geometric Properties

Classify the following angles as acute, obtuse, right, or straight, complementary, supplementary, vertical, or adjacent.

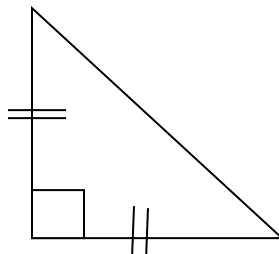
1)  _____

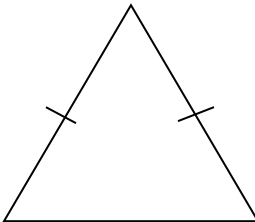
2)  _____

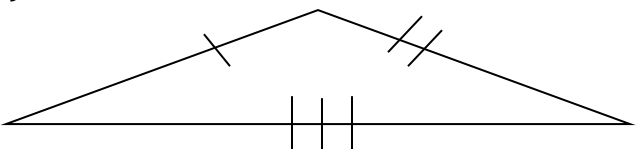
3)  _____

4)  _____

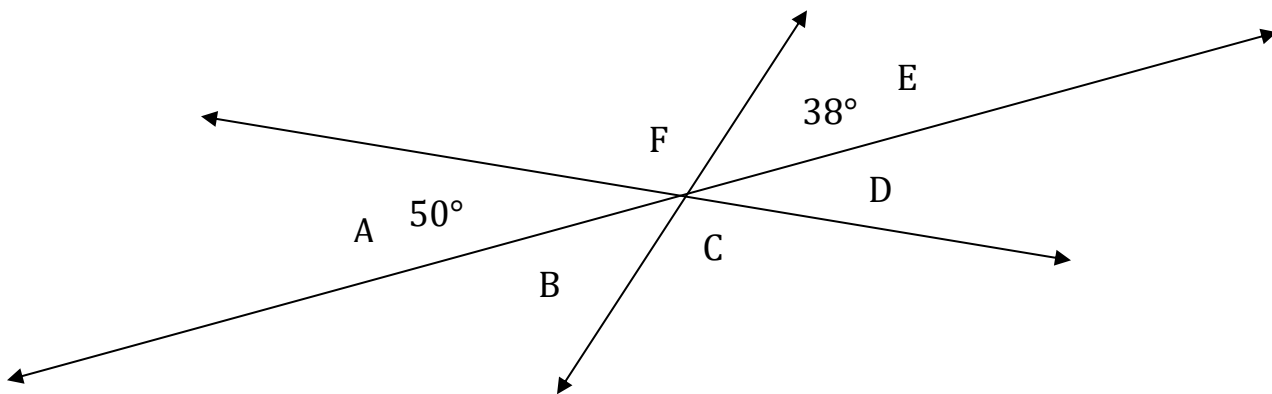
Classify the following triangles as scalene, equilateral, and isosceles then right, acute, or obtuse.

5)  _____

6)  _____

7)  _____

Find the missing measurements.



8) $\angle B =$ _____

10) $\angle D =$ _____

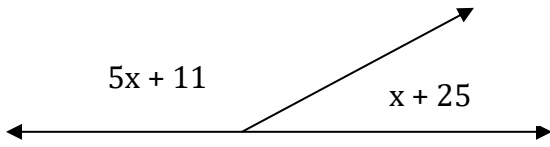
9) $\angle C =$ _____

11) $\angle F =$ _____

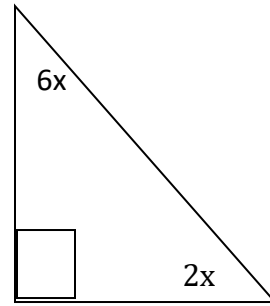
Name: _____

Date: _____ Period: _____

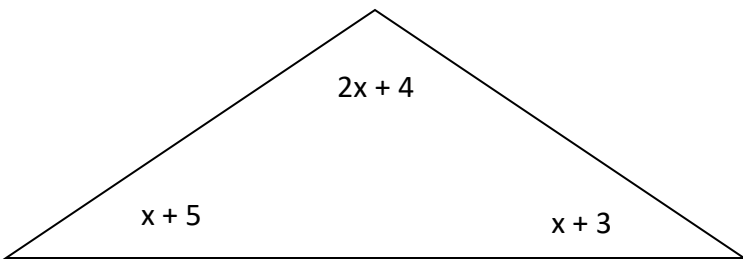
12) $x =$ _____



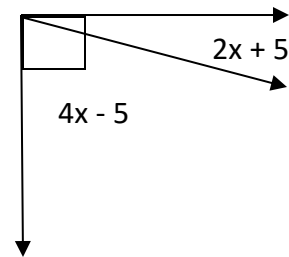
13) $x =$ _____



14) $x =$ _____

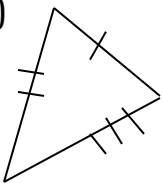


15) $x =$ _____

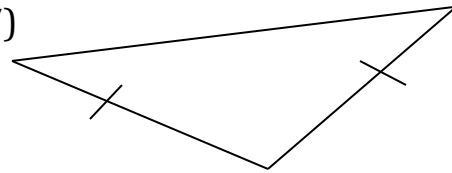


Classify the following triangles as scalene, equilateral, and isosceles then right, acute, or obtuse.

16)



17)



Will the given side lengths make a triangle? Yes or No

18) 2, 6, 8 _____

19) Given side lengths of 11m and 9m, what is a possible side to form a triangle?

- a) 22m b) 20m c) 7m d) 2m

20) Given side lengths of 1.3m and 1.7m, what is NOT a possible side to form a triangle?

- a) 2.5m b) 1.3m c) 0.5m d) 3m