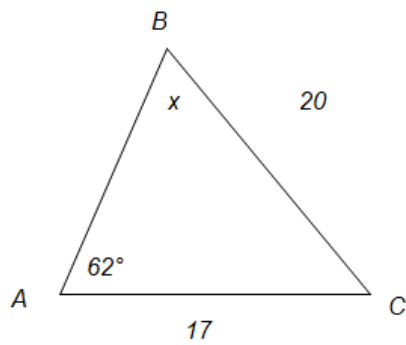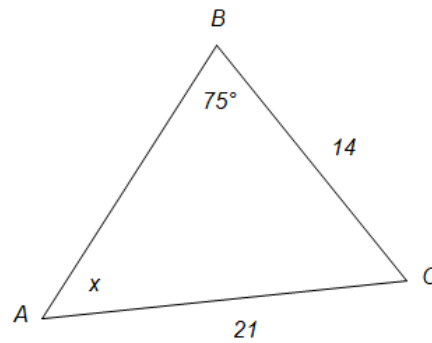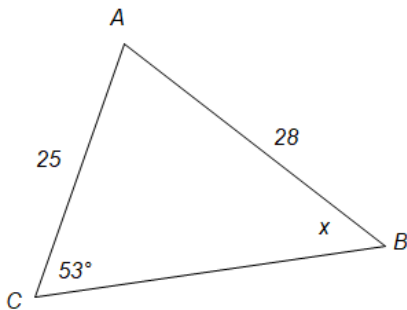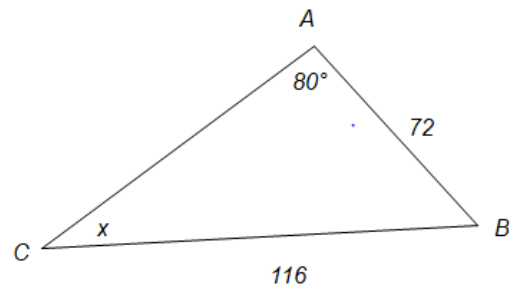Notes Law of Sines (angles)
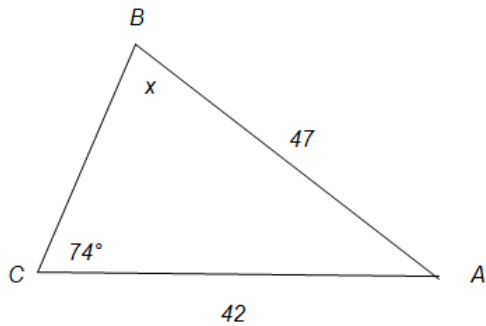
Name: _____ Date: _____ Period: _____

Learning Target: _____

_____

Law of Sines:

Example 1: Use the law of Sines to find x.

B

x   20

62°
A   C
    17

Example 2: Use the law of Sines to find x.

B

75°
14

x   C
A
    21

Example 3: Use the law of Sines to find x.

A

28
25

x
B
53°
C

Example 4: Use the law of Sines to find x.

A

80°
72

x   B
C
    116

Practice 1: Use the law of Sines to find x.

Practice 2: Use the law of Sines to find x.

B

x

47

74°

C

42

A

A

55°

18

C

x

16

B
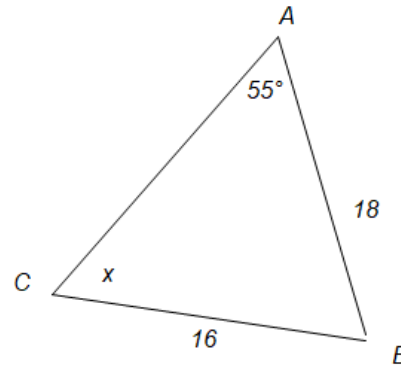
Practice 3: Use the law of Sines to find x.
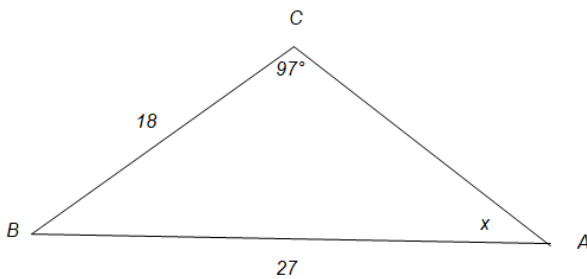
Practice 4: Use the law of Sines to find x.

C

97°

18

B

27

x

A

41

C

B

x

39

78°

A
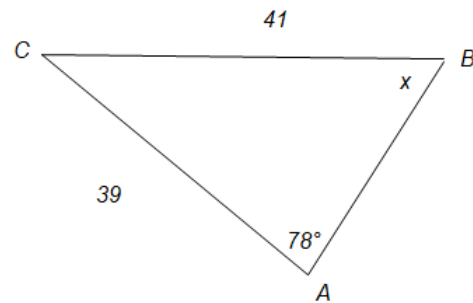
Show me you know it:

1. What is the difference between using law of sines to solve for a side and using it to solve for an angle?

    _____

    _____

2. How do you know if you can use the trig ratios of if you have to use the law of sines?

    _____