**LAW OF SINES PRACTICE Name:**

1. Solve for the unknown in each triangle. Round to the nearest tenth.

**A. B. C.**

*x*

*x*

42°

22m

17m

*x*

51°

9.4cm

6cm

*x*

35°

44mm

88°

**x =** \_\_\_\_\_\_\_\_\_\_\_\_\_ **x =** \_\_\_\_\_\_\_\_\_\_\_\_\_ **x =** \_\_\_\_\_\_\_\_\_\_\_\_\_

21cm

**D. E. F.**

52°

*x*

67°

13m

45m

*x*

48°

61°

*x*

118°

12m

x = \_\_\_\_\_\_\_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_\_\_\_\_\_\_

2. Solve for **all** missing sides and angles in each triangle. Round to the nearest tenth.

42°

50m

84°

x

98°

15m

17.5m

**A. B. C.**

z

x

51°

9.8cm

71°

y

y

y

z

x

z

**x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ x = \_\_\_\_\_\_\_\_\_\_**

**y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ y = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ y = \_\_\_\_\_\_\_\_\_\_**

**z = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ z = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ z = \_\_\_\_\_\_\_\_\_\_**