**LAW OF SINES PRACTICE**

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

**A. B. C.**

*x*

35°

*x*

*x*

17m

44mm

88°

42°

9.4cm

22m

51°

6cm

21cm

**D. E. F.**

*x*

52°

118°

61°

48°

13m

12m

*x*

*x*

67°

45m

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

J

R

B

A

98°

15m

17.5m

42°

50m

84°

**A. B. C.**

51°

9.8cm

71°

Q

K

L

C

S

G

X

M

**D. E. F.**

39°

22°

29mm

28m

62°

31m

115°

13cm

8cm

I

N

H

Z

Y

O

**LAW OF SINES PRACTICE ANSWER KEY**

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

**A. B. C.**

*x*=59.99o

35°

*x=* 36.92mm

x= 29.74o

17m

44mm

88°

42°

9.4cm

57°

22m

51°

6cm

21cm

**D. E. F.**

*x=*9.92m

52°

118°

61°

48°

13m

12m

*x =*19.43m

*x* = 85.72o

67°

10°

71°

45m

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

J

R

B

A

98°

15m

17.5m

42°

50m

84°

**A. B. C.**

7.16m

58.1°

51°

9.8cm

71°

40.7mm

Q

K

54°

58°

23.9°

33.6m

L

C

S

G

X

M

**D. E. F.**

39°

22°

29mm

28m

62°

31m

115°

13cm

8cm

65.1°

7.4cm

31.1°

33.9°

I

N

H

Z

Y

O

20.9mm

52.9°

119°

31.8m

12.4mm