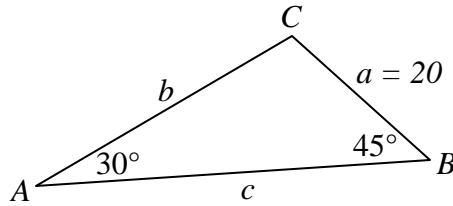# Law of Sines

Use the Law of Sines to solve the triangle (find all three angle measures and all three side lengths).

1.

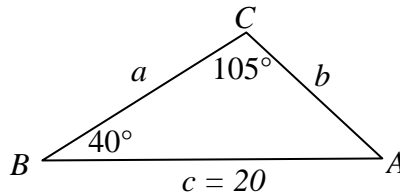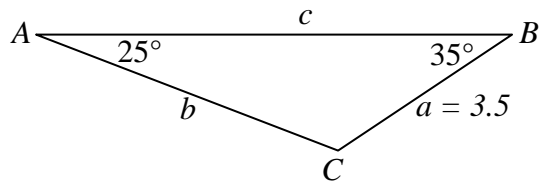| Angles	Sides
A =	a =
B =	b =
C =	c =

2.

Angles	Sides
A =	a =
B =	b =
C =	c =

3.

Angles	Sides
A =	a =
B =	b =
C =	c =

4.

Angles	Sides
A =	a =
B =	b =
C =	c =
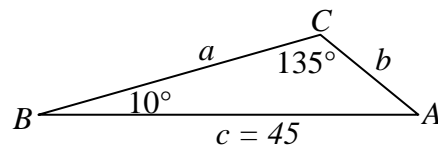
5. A = 35°, *a* = 4, *b* = 5

Angles	Sides		Angles	Sides
A =	*a* =	**and**	*A* =	*a* =
B =	*b* =	**possibly**	*B* =	*b* =
C =	*c* =		*C* =	*c* =

6. C = 35°, *a* = 5, c = 7

Angles	Sides		Angles	Sides
A =	*a* =	**and**	*A* =	*a* =
B =	*b* =	**possibly**	*B* =	*b* =
C =	*c* =		*C* =	*c* =

7. A = 10°, *a* = 12, *b* = 15

Angles	Sides		Angles	Sides
A =	*a* =	**and**	*A* =	*a* =
B =	*b* =	**possibly**	*B* =	*b* =
C =	*c* =		*C* =	*c* =

8. B = 10°, *a* = 5, *b* = 12

Angles	Sides		Angles	Sides
A =	*a* =	**and**	*A* =	*a* =
B =	*b* =	**possibly**	*B* =	*b* =
C =	*c* =		*C* =	*c* =