Worksheet: Law of Sines

Solve using the Law of Sines. Round sides and angles to the nearest tenth. (Triangles not drawn to scale.)

 1. 2. 3.

Sketch each triangle and then solve the triangle using the Law of Sines.

4. $A=50°$, $B=68°$, and $c=230$. 5. $A=23°$, $B=110°$, and $c=50$.

6. $A=30°$, $C=65°$, and $b=10$. 7. $A=22°$, $B=95°$, and $a=420$.

8. $B=29°$, $C=51°$, and $b=44$. 9. $B=10°$, $C=100°$, and $c=115$.

10. The longest side of a triangle measures 67 cm and two of the angles measure $47°$ and $55°$. Solve the triangle.

**Find the area of to the nearest tenth of a square unit.**

1. 
2. 
3. 
4. 