

**WS 6.1 Extra Practice****ANSWER KEY**

1. Triangle #1:  $m\angle B = 111.30^\circ, m\angle C = 40.70^\circ, b = 35.72\text{cm}$   
Triangle #2:  $m\angle B = 12.70^\circ, m\angle C = 139.3^\circ, b = 8.43\text{cm}$
2. No Solution
3.  $m\angle B = 113.03^\circ, m\angle C = 25.94^\circ, b = 12.62\text{cm}$
4. 202 feet
5. 224 meters