

## Answers to 11.5 HW - Solving Right Triangles

1)  $m\angle B = 38^\circ$ ,  $m\angle A = 52^\circ$ ,  $a = 10.2$

3)  $m\angle B = 67^\circ$ ,  $a = 4.7$ ,  $b = 11$

5)  $m\angle B = 46^\circ$ ,  $a = 9.7$ ,  $c = 13.9$

7)  $m\angle B = 71.6^\circ$ ,  $m\angle A = 18.4^\circ$ ,  $b = 9$