

**SM2 11.6 odd answers**

1a.  $x \approx 5.2$  m

1b.  $y \approx 7.4$  m

3.  $\theta \approx 38.0^\circ$

5a.  $x \approx 30.3$  ft

5b.  $\theta \approx 8.2^\circ$

7.  $x \approx 129.9$  ft

9.  $\theta \approx 10.7^\circ$