Additional Topics in Trigonometry Answers

1. $7.0^{\circ}$
2. Left crane: about 3.1 oz right crane: about 4.1 oz
3. About 32.4 in.
4. About 69.3 in. ${ }^{2}$
5. About 0.45 lb
6. Horizontal: about 2.25 in ./sec, vertical: about $9.74 \mathrm{in} . / \mathrm{sec}$
