

LoS and LoC Practice - Answers

1. $x = 52.2^\circ$
2. $x = 20.3$ m
3. $x = 131.1^\circ$
4. $x = 104.5^\circ$
5. $B = 47^\circ$, $a = 25.7$ cm, $b = 19.9$ cm
6. $d = 31$ m, $E = 40^\circ$, $F = 45^\circ$
7. $E = 137^\circ$, $N = 26^\circ$, $P = 17^\circ$
8. $G = 30.1^\circ$, $H = 112.9^\circ$, $h = 18.4$ ft
9. $B = 138.7^\circ$, $C = 13.3^\circ$, $a = 16.4$ cm
10. $A = 20.4^\circ$, $C = 31.6^\circ$, $b = 36.1$ ft
11. $C = 91^\circ$, $a = 12.5$ m, $c = 21.3$ m
12. $a = 9.8$ mi, $B = 89.1^\circ$, $C = 35.9^\circ$
13. $A = 25.5^\circ$, $B = 98^\circ$, $C = 56.5^\circ$
14. $B = 51.7^\circ$, $C = 70.3^\circ$, $h = 30$ in