

Lesson 9.3

Homework Answers

Pg 484 - #1-21, 23, 28, 33, 34

1. \angle of elevation from sub to boat
2. \angle of depression from boat to sub
3. \angle of elevation from boat to lighthouse
4. \angle of depression from lighthouse to boat
5. \angle of elevation from Jim to waterfall
6. \angle of elevation from Kelley to waterfall
7. \angle of depression from waterfall to Jim
8. \angle of depression from waterfall to Kelley
9. 34.2 ft
10. 502.4 m
11. 32.2 m
12. 86.6 ft
13. about 986 m
14. 51.3 ft
15. 777.9 m
16. 263.3 yd
17. 0.6 km
18. 769 ft
19. 64°
20. 4.8°
21. about 193 m
23. 3300 m
28. a) 560 ft b) about 15.9°
33. 370 m
34. about 28 ft