

Law of Sines/Cosines Word Problems – Solutions

1. $a = 7.83$ m $b = 10.55$ m
2. distance = 79.65 km
3. $d = 5.18$ m
4. $d_1 = 12.87$ m, $d_2 = 14.65$ m
5. lake length = 157.67 m
6. $d_1 = 0.47$ mi, $d_2 = 0.51$ mi
7. $d = 8.38$ km
8. $d = 184.35$ yd
9. 37°