

### Law of Sines

1. In triangle  $EFG$ ,  $e = 4.56$ ,  $E = 43^\circ$ , and  $G = 57^\circ$ . Solve the triangle.
2. In triangle  $ABC$ ,  $b = 24$ ,  $B = 38^\circ$ , and  $C = 21^\circ$ . Solve the triangle.
3. In triangle  $ABC$ ,  $a = 15.6$  in.,  $A = 89^\circ$ , and  $b = 18.4$  in. Solve the triangle.
4. In triangle  $ABC$ ,  $A = 36.5^\circ$ ,  $a = 24$ , and  $b = 34$ . Solve the triangle.
5. In triangle  $ABC$ ,  $a = 20.01$  cm,  $b = 10.07$  cm, and  $A = 30.3^\circ$ . Solve the triangle.