

The Law of Sines

1. In $\triangle ABC$, $a = 10$, $m\angle A = 32^\circ$, and $m\angle B = 50^\circ$. Find b .

2. In $\triangle DEF$, $d = 12$, $\sin D = \frac{1}{3}$, and $\sin F = \frac{1}{4}$. Find f .

3. In $\triangle MET$, $m\angle M = 26^\circ$, $m\angle E = 105^\circ$, and $t = 25$. Find m .

4. Solve each triangle.

