37 Note that $\gamma = 180° - 31° - 54° = 95°$. Then $\dfrac{b}{\sin\beta} = \dfrac{a}{\sin\alpha} \Rightarrow b = \dfrac{a\sin\beta}{\sin\alpha} = \dfrac{2.6\sin 31°}{\sin 54°} \approx 1.65522.$

$\text{Area} = K \approx \dfrac{1}{2}(1.65522)(2.6)\sin 95° \approx 2.14$