

Provide a clear and organized presentation.

1. Determine an algebraic expression for $\tan\left(2\sin^{-1}\frac{x}{x+1}\right)$ (i.e., rewrite this expression without any trigonometric functions)
2. Solve the triangle with sides $a = 5$ and $c = 3$ and angle $\gamma = 35^\circ$. Round all angles to the nearest degree and all sides to the nearest tenth.