

Cotangent and tangent are reciprocals, as they should be. However, you cannot have this value of cosine for the same angle. Since $\tan X = \frac{5}{1}$, you could have $o = 5$ and $a = 1$. If $\cos X = \frac{1}{6} = \frac{a}{h}$, then $h = 6$. But the lengths 1, 5, and 6 do not satisfy the Pythagorean Theorem.