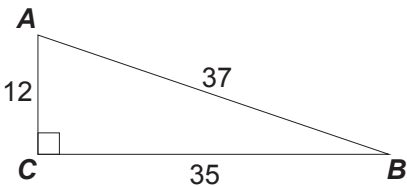


Grade Eleven Sample Test Item—Concepts & Procedures  
Achievement Level: Standard Met

Consider this right triangle.



Determine whether each equation is correct. Select Yes or No for each equation.

	Yes	No
$\sin(A) = \frac{35}{37}$	<input type="checkbox"/>	<input type="checkbox"/>
$\cos(A) = \frac{12}{35}$	<input type="checkbox"/>	<input type="checkbox"/>
$\sin(B) = \frac{35}{37}$	<input type="checkbox"/>	<input type="checkbox"/>
$\tan(B) = \frac{12}{35}$	<input type="checkbox"/>	<input type="checkbox"/>

Area	Concepts & Procedures Applying mathematical concepts and procedures
Standard(s)	Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.
Answer	Yes, No, No, Yes