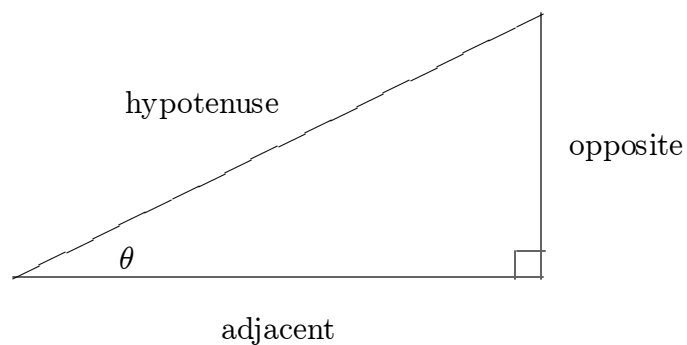


The Six Trigonometric Ratios



<u>Name of Ratio</u>	<u>Abbreviation</u>	<u>Ratio</u>
sine of θ	$\sin \theta$	$\frac{\text{opposite}}{\text{hypotenuse}}$
cosine of θ	$\cos \theta$	$\frac{\text{adjacent}}{\text{hypotenuse}}$
tangent of θ	$\tan \theta$	$\frac{\text{opposite}}{\text{adjacent}}$
cosecant of θ	$\csc \theta$	$\frac{\text{hypotenuse}}{\text{opposite}}$ OR $\frac{1}{\sin \theta}$
secant of θ	$\sec \theta$	$\frac{\text{hypotenuse}}{\text{adjacent}}$ OR $\frac{1}{\cos \theta}$
cotangent of θ	$\cot \theta$	$\frac{\text{adjacent}}{\text{opposite}}$ OR $\frac{1}{\tan \theta}$