**INTRODUCTION TO TRIGONOMETRY**

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| 1. Convert $-18° $to radians.
 | 1. Convert 2.3 radians to degrees
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| 1. Convert $5{π}/{6}$from radians to degrees.
 | 1. Find the values of the three standard trigonometric functions at t=$\frac{π}{2}$ on the unit circle.
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| 1. Find the length of an arc of a circle with radius 12cm if the arc subtends a central angle of $30°$.
 | 1. Find a cofunction with the same value as:
	1. $sin\left(72°\right)$
	2. $csc\left(\frac{π}{3}\right)$
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| 1. Find the exact values for:
	1. $\sin(\left(7{π}/{6}\right)) $
	2. $sec⁡({5π}/{3})$
 | 1. Find the exact value of the expression: $\cos(\left(\frac{2π}{9}\right))sec⁡(\frac{2π}{9})$
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| 1. If $\sin(x=\frac{1}{3} and\sec(y=\frac{5}{4} ))$, where $x $and $y$ lie between 0 and ${π}/{2}$, evaluate $\sin(\left( x+y\right)).$
 | 1. Find the reference angle: $\frac{5π}{8}$
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