



## Trigonometry, Unit Circle - Angle (Degrees) to Cos/Sin Coordinates (30s)

**1**What are the coordinates of the point on the unit circle at  $150^\circ$ ? $150^\circ$ A  
( $\sin(150^\circ)$ ,  $\cos(150^\circ)$ )B  
( $\cos(150^\circ)$ ,  $\sin(150^\circ)$ )**2**What are the coordinates of the point on the unit circle at  $360^\circ$ ? $360^\circ$ A  
( $\cos(360^\circ)$ ,  $\sin(360^\circ)$ )B  
( $\sin(360^\circ)$ ,  $\cos(360^\circ)$ )**3**What are the coordinates of the point on the unit circle at  $330^\circ$ ? $330^\circ$ A  
( $\cos(330^\circ)$ ,  $\sin(330^\circ)$ )B  
( $\sin(330^\circ)$ ,  $\cos(330^\circ)$ )**4**What are the coordinates of the point on the unit circle at  $90^\circ$ ? $90^\circ$ A  
( $\cos(90^\circ)$ ,  $\sin(90^\circ)$ )B  
( $\sin(90^\circ)$ ,  $\cos(90^\circ)$ )**5**What are the coordinates of the point on the unit circle at  $210^\circ$ ? $210^\circ$ A  
( $\sin(210^\circ)$ ,  $\cos(210^\circ)$ )B  
( $\cos(210^\circ)$ ,  $\sin(210^\circ)$ )**6**What are the coordinates of the point on the unit circle at  $300^\circ$ ? $300^\circ$ A  
( $\cos(300^\circ)$ ,  $\sin(300^\circ)$ )B  
( $\sin(300^\circ)$ ,  $\cos(300^\circ)$ )**7**What are the coordinates of the point on the unit circle at  $270^\circ$ ? $270^\circ$ A  
( $\cos(270^\circ)$ ,  $\sin(270^\circ)$ )B  
( $\sin(270^\circ)$ ,  $\cos(270^\circ)$ )**8**What are the coordinates of the point on the unit circle at  $180^\circ$ ? $180^\circ$ A  
( $\cos(180^\circ)$ ,  $\sin(180^\circ)$ )B  
( $\sin(180^\circ)$ ,  $\cos(180^\circ)$ )