

1. Rewrite  $\frac{3\pi}{2}$  radians in degree measure. (2pts)
2. Find an angle coterminal to  $\frac{3\pi}{4}$ . (2pts)
3. If a merry-go-round is spinning at 20 revolutions per minute. What is the angular speed of the merry-go-round? (3pts)
4. Betty made a circular cake that is 2 feet in diameter. What is the area of a slice of cake if the cake is cut into pieces with a central angle of  $\frac{\pi}{6}$ . (3pts)

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