**Unit 6: Quiz 6a**

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A disk initially rotating at 125 rad/s is slowed down with a constant angular acceleration of magnitude 4.00 rad/s².

1. What is the original linear speed of a point on the disk that is 0.450 m from the axis?
2. How much time elapses before the disk stops?
3. Through what angle ***(in rads!)*** did the disk rotate during this time?

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