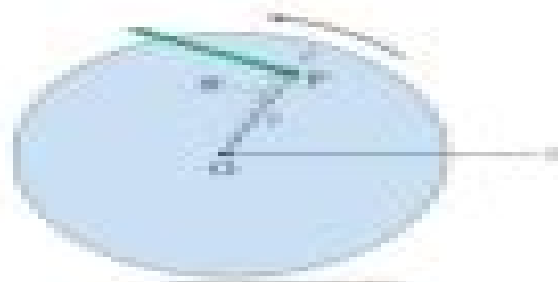


Ch 8 Study Guide: Rotational Motion



1. Angles may be measured in degrees or in _____.
2. 1 revolution is equal to _____ degrees which is equal to _____ rad.
3. Perform the following conversions:
 - a. 2 revolutions into rad
 - b. 60° into rads
 - c. 4.2 revolutions into rad
 - d. 28 rad/s into revolutions per min (rpm)
4. m is the symbol for _____. It's equivalent in linear motion is _____.
5. To calculate m the formula is _____.

6.



Label the new arrows on the picture above and explain what they represent.

7. Fill in the missing information in the box below.

Linear and Angular Measures			
Quantity	Linear	Angular	Relationship
Displacement 		θ (rad)	$s = r\theta$
Acceleration 	v (m/s) a (m/s ²)	 α (rad/s ²)	$v = r\omega$

Physics Rotational Motion Study Guide Answers

**John D. Cutnell, Kenneth W.
Johnson, David Young, Shane Stadler**

Physics Rotational Motion Study Guide Answers:

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In a global driven by information and connectivity, the power of words has be much more evident than ever. They have the ability to inspire, provoke, and ignite change. Such is the essence of the book **Physics Rotational Motion Study Guide Answers**, a literary masterpiece that delves deep in to the significance of words and their affect our lives. Written by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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