

Science 122

Tuesday, October 11/16

Midterm - Tuesday, Nov. 15/16

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1. Check -> Worksheet - Ray Diagrams for Concave Mirrors

2. Convex Mirrors

3. Convex Mirrors - Ray Diagram - To Be Continued

4. Mirror Equation

5. Magnification Equation

6. Worksheet - Spherical Mirrors

Physics 112

Tuesday, October 11/16

Midterm - Wednesday, Nov. 9/16

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1. Return - Exp. 2.1
 2. Return - Summative Assessment - U1: S1 and S2
 3. [Worksheet - Motion Problems - HW Again](#)

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4. Acceleration Due To Gravity
 5. Freely Falling Bodies
 6. Worksheet - Freely Falling Bodies

Physics 122

Tuesday 11/16

Midterm - Tuesday, Nov. 8/16

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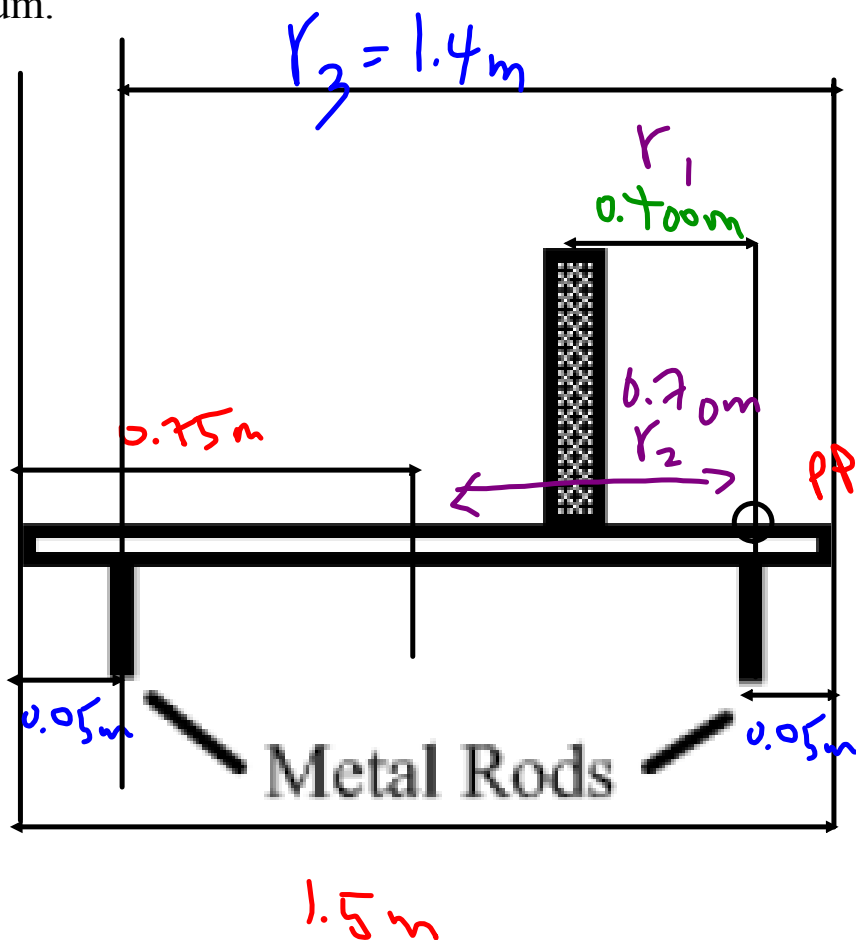
1. Return -> Experiment 5.2 - Friction
2. Return -> FA - Static Torque
3. Answers to Assignment - U1 - S1 (Practice)
4. Worksheet - Static Torque #1
Worksheet - Static Torque #2
5. SA - Force and Static Torque Problems
- Thursday, Oct. 13/16

6. Experiment 10.2 - Torques (Page 67)
7. U1 - Section 3 - Relative Velocity

Formative Assessment - Static Torque

October 5/16

A bookshelf made of a uniform wooden board 1.5 m long weighs 20.0 N and is supported by two thin metal rods each 5.0 cm from its ends as shown in the diagram. A book weighing 16.0 N is placed upright on the shelf at a distance of 0.400 m from the right metal rod. Calculate the force each rod must exert on the board to maintain static equilibrium.



Assessment U1- Section 1

MC	1.	A	6.	D
	2.	A	7.	C
	3.	C	8.	B
	4.	A	9.	D
	5.	B	10.	C

- Prob
- $1.9 \times 10^2 \text{ N}$, up the ramp
 - $M = 0.501$
 - $A = 68.9 \text{ N}$
 $B = 54.2 \text{ N}$

Science 10

Tuesday, October 11/16

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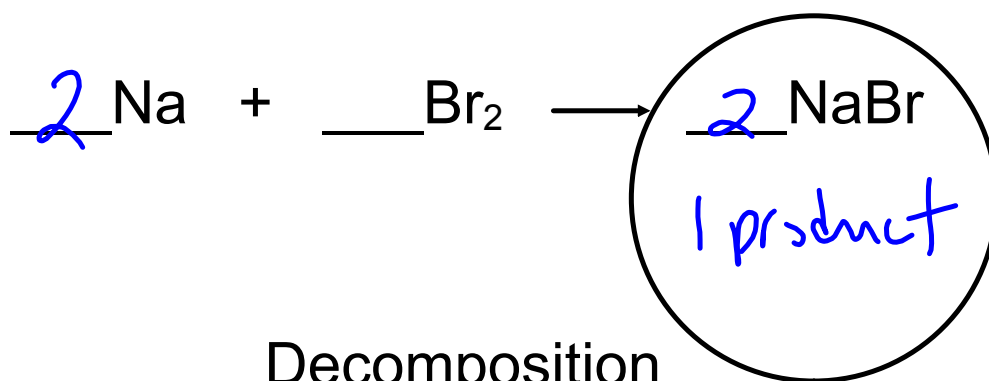
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1. September Progress Reports
2. Metals/Nonmetals/Metalloids
<https://safeshare.tv/x/QdajjpfwZEM>
3. Review -> Formation/Synthesis Reactions
Decomposition Reactions
4. [Worksheet - Formation and Decomposition Reactions - HW](#)

5. Single Replacement Reactions
6. Double Replacement Reactions
7. Worksheet - Single and Double Replacement Reactions
8. Combustion Reactions
9. Worksheet - Combustion Reactions

Formation/Synthesis



Decomposition

