# Physics 112

Monday, October 2/17

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*Learning Targets - Add 2

1. Return -> FA: V-T #3
2. SA - Unit 1: S1 & 2

   - Wed. Oct. 4

3. Concepts U1: S3 - Mathematical Analysis
4. Word Problem Checklist
5. Uniform Motion: Kinematic Equation

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6. Uniformly Accelerated Motion: K. Equation #1
7. Uniformly Accelerated Motion: K. Equation #2
8. Uniformly Accelerated Motion: K. Equation #3
9. Uniformly Accelerated Motion: K. Equation #4
10. Worksheet: Motion Problems

# Physics 122

Monday, October 2/17

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1. Return - FA: Static Torque #1

2. Questions? -> Worksheet - Static Torque #2

3. SA: Unit 1 - S 1& 2
   - Thursday, Oct. 5/17

4. Unit 1 - S3: Relative Velocity

5. Type I: Velocities with Parallel Directions - To Be Continued

6. Type II: Velocities at Right Angles
   (i) Boat/Plane Problems

7. Type II: Velocities at Right Angles
   (ii) Intersection Problems

**Formative Assessment - Static Torque: Type I**

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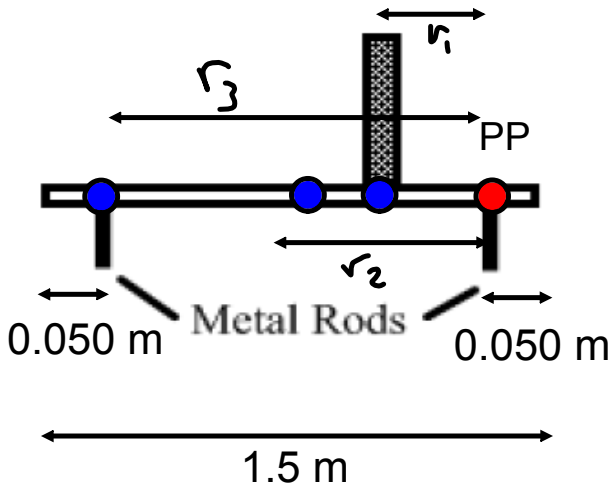
A bookshelf made of a uniform wooden board1.5 m long weighs 20.0 N and is supported by two thin metal rods each 5.0 cm from its end as shown in the diagram. A book weighing 16.0 N is placed upright on the shelf at a distance of 0.400 m from the right metal rod. Calculate the force each rod must exert on the board to maintain static equilibrium.




0.400 m
0.700 m
1.400 m

# Science 10

Monday, October 2/17

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1. Return -> Summative Assessment - Chem #1
2. Check -> Worksheets: Balancing Chemical Reactions
3. Types of Chemical Reactions - P5
4. Formation Reactions - P4

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5. Decomposition Reactions
6. Worksheet: Formation and Decomposition Reactions
7. Single Replacement Reactions
8. Double Replacement Reactions
9. Worksheet: Single and Double Replacement Reactions