Announcements

- CBTF Quiz 5 this week
- MATLAB Lecture: Thursday, 5-6PM, location TBD
- 211 students **DO NOT** take 210 final, or you will get a **zero** on 211 final!!!

❑ Upcoming deadlines:

- Wednesday (11/1)
  - PL HW18 – Tonight
- Thursday (11/2)
  - ME HW19
- Friday (11/3)
  - WA#3

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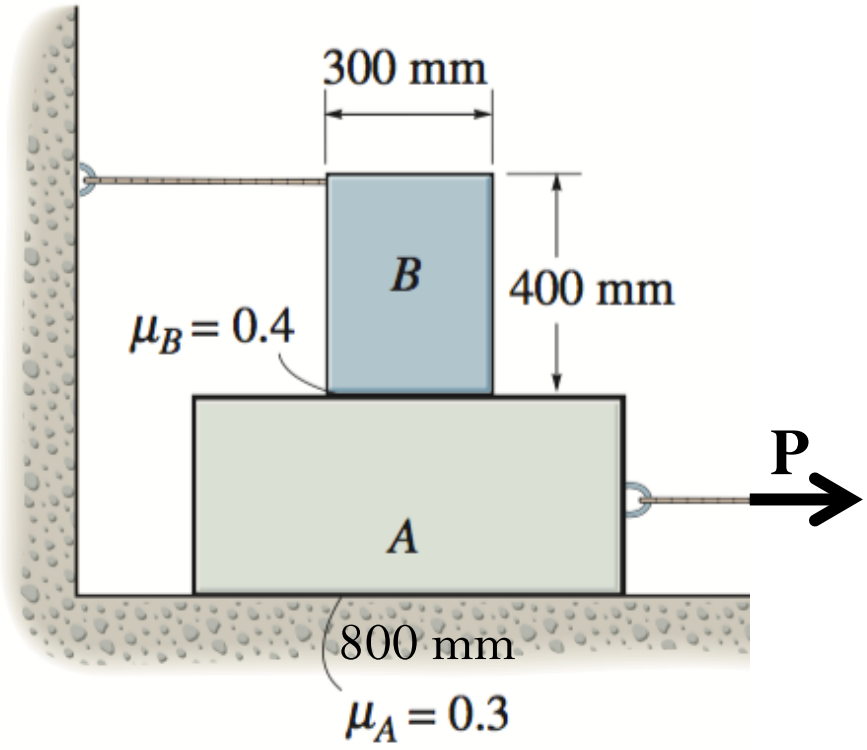
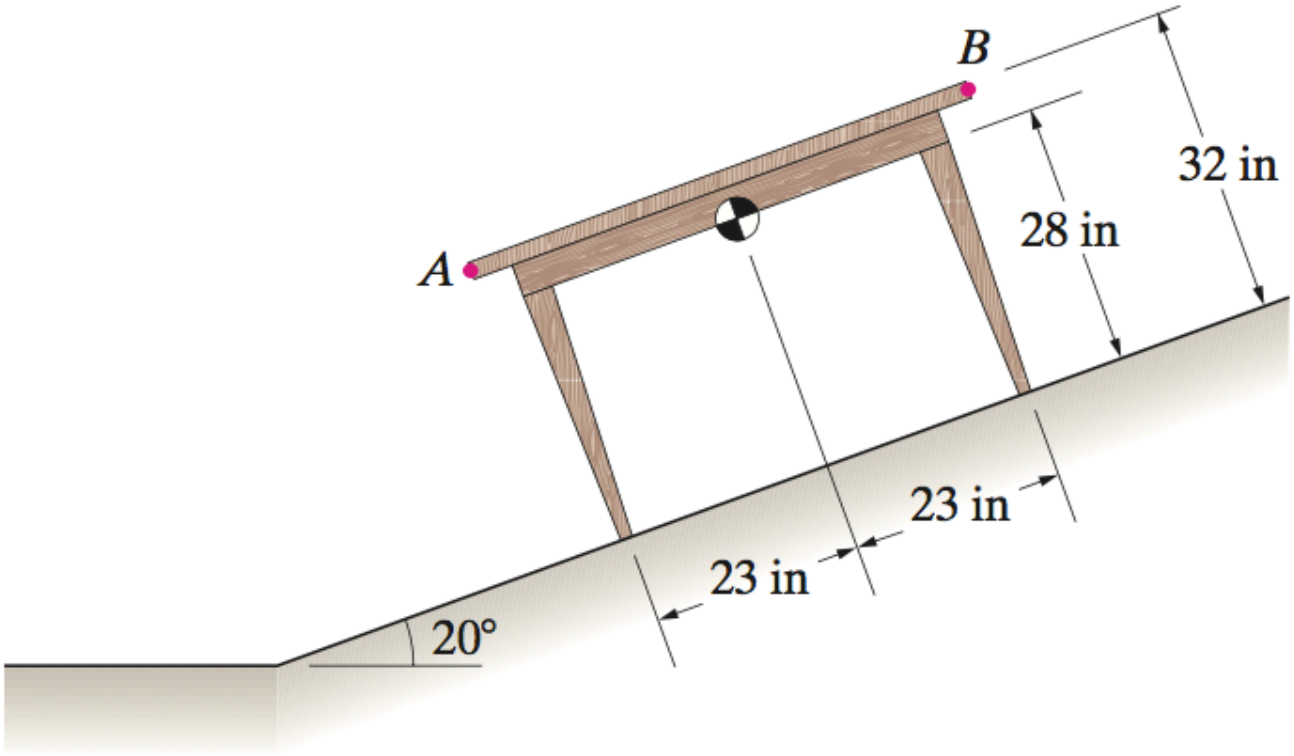
Blocks A and B have the same height and a mass of 7 kg and 10 kg, respectively. Determine the largest vertical force P which can be applied to the cord attached to the middle of B without causing motion.



The table weighs 50 lb and the coefficient of static friction between its legs and the inclined surface is 0.7. A force **P** parallel to the incline in applied to the table, what is the minimum magnitude to make the table move?



The wheel weighs 150-lb, the uniform concrete block has a weight of 300 lb. The coefficients of static friction are 0.2 at A, 0.3 at B, and 0.4 between the concrete block and the floor. Determine the smallest couple moment required to cause motion.