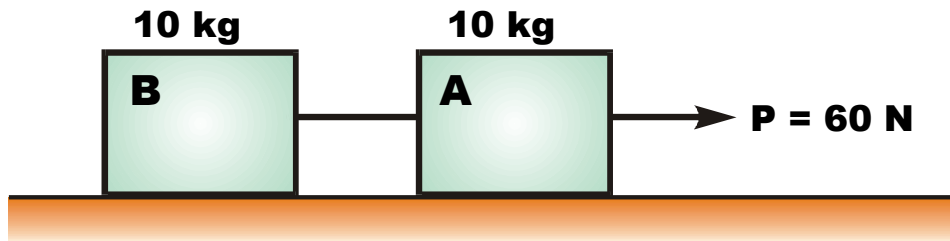


Final Exam, Spring 2006: Problem 4 (Particle  $F=ma$ )

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4. (25 points) A 60 N force is applied to the two-block system shown below. Please determine the tension in the cable joining blocks A and B:



**All surfaces are smooth.**