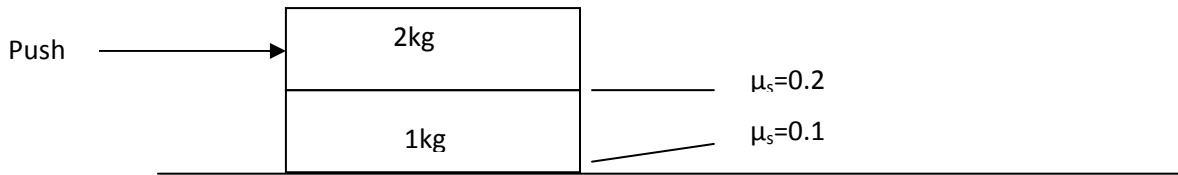


- 1) Imagine the situation below. You are pushing on the top block. Which block will slide first, the top one or the bottom one? Draw a force diagram for each block. Give a clear rationale for your answer.



- 2) In the figure below, two blocks are being pushed to the right by a constant force 'P'. Draw a force diagram for each block and:
- Calculate the acceleration of each block
 - Calculate all forces on each block
 - Identify all action/reaction pairs

