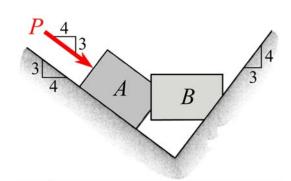
## MEEG 2003 Quiz #9.m24.073

- 1. Give a brief summary of the *laws* of dry friction. ②
- 2. The 30-lb block A and the 25-lb block B are initially at rest as shown, where  $\mu_s$  is 0.2 between all surfaces of contact. If the applied force  $\mathbf{P}$  causes block A to have an impending motion down the incline, determine its magnitude P. \$



**2.** FBD for block B ②

FBD for block A 2

$$P = 77.4 \text{ lb}$$
 2