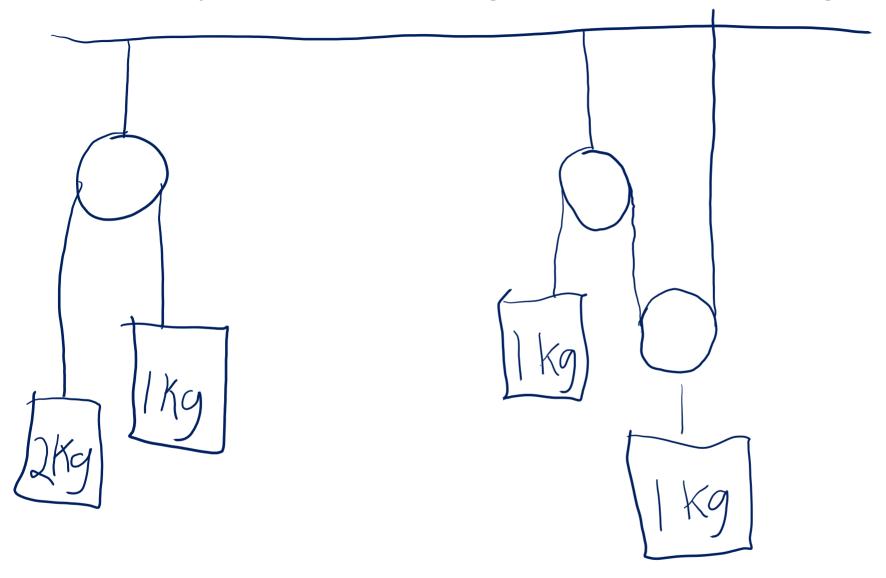
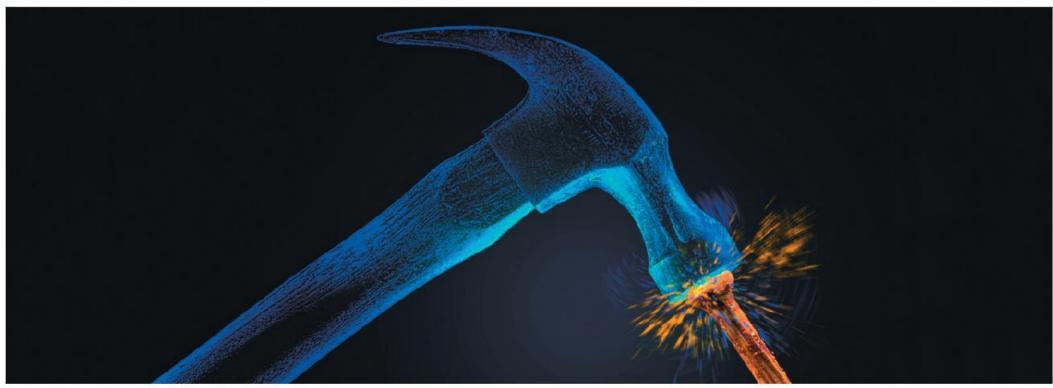
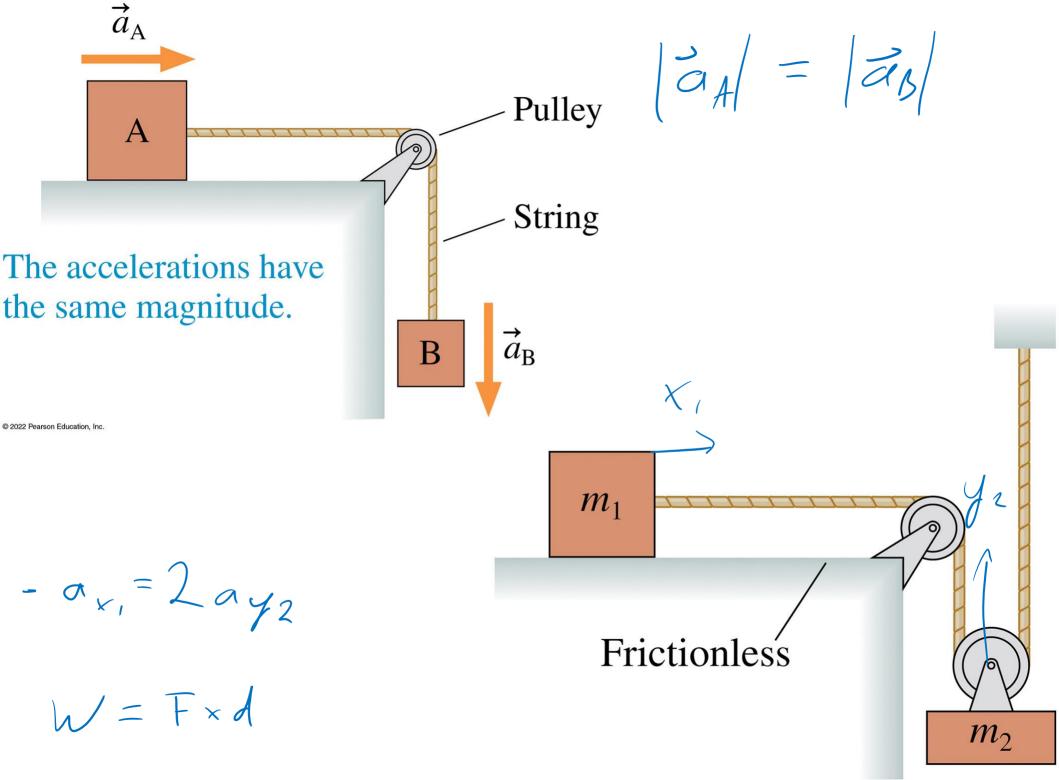
Which system has the larger acceleration magnitude?



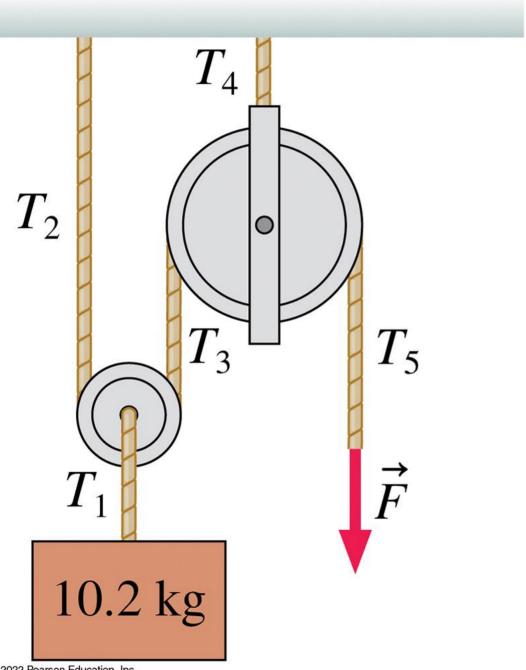
Chapter 7 – Newton's Third Law

- Newton's Third Law
- Objects/Systems/Environment
- Acceleration Constraints



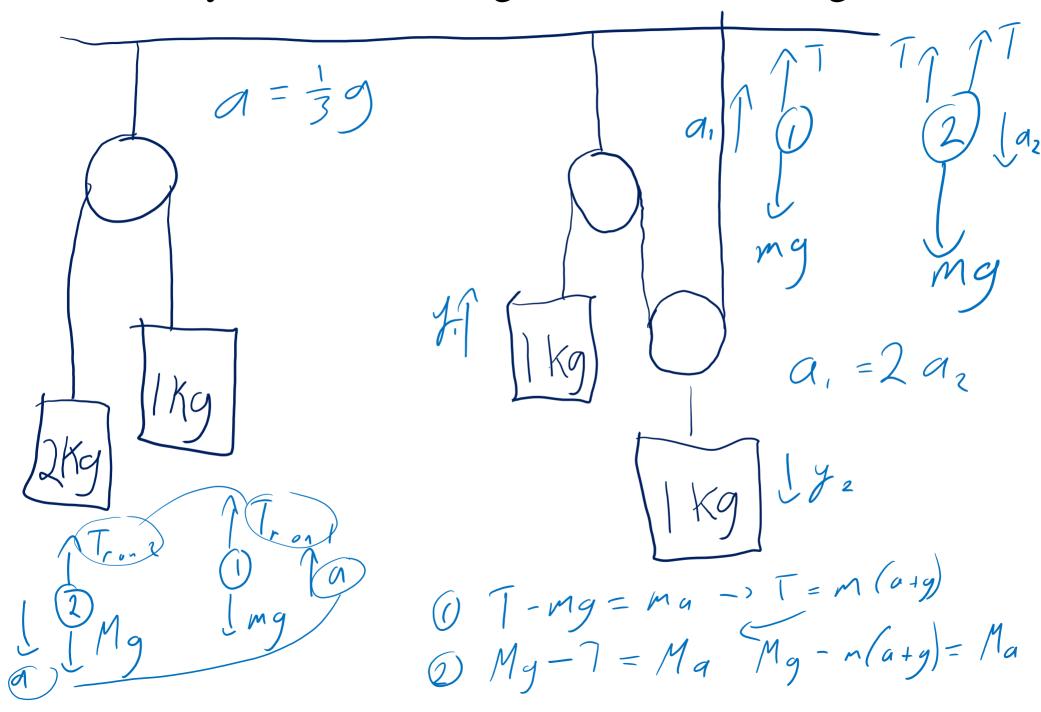


Team Up Questions



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Which system has the larger acceleration magnitude?



Which system has the larger acceleration magnitude?

$$(1) + -mg = mq_1 - T = m(a, +g)$$

(2)
$$mg - 2T = ma_2 = \frac{1}{2} ma_1$$

$$a_1 = 2 a_2$$

$$T = 7 = T$$

$$\frac{1}{2}a + 2a = 9 - 29 = -3$$

$$a = G = \frac{2}{5}g$$

) going lown