Question of the Day
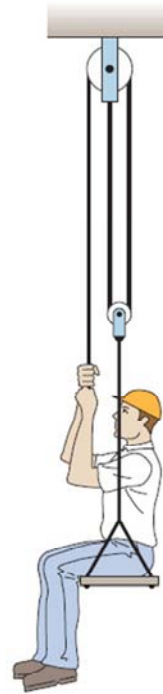
The **170-lb** man in the bosun's chair pulls on the rope with **60 lb** of **force**.

Determine his **acceleration**.

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60 lb   120 lb

$$\Sigma F_y = ma_y: \quad 180 - 170 = \frac{170}{32.2}a$$

$$a = 1.894 \text{ ft/sec}^2 \text{ up}$$

170 lb