

[\[ Item View \]](#)[\[ Print \]](#)**Problem 2.17**

A speed skater moving across frictionless ice at  $8.50 \text{ m/s}$  hits a  $4.60\text{-m}$ -wide patch of rough ice. She slows steadily, then continues on at  $5.30 \text{ m/s}$ .

**Part A**

What is her acceleration on the rough ice?

**ANSWER:** *Answer not displayed*  $\text{m/s}^2$