

Name _____ Date _____

Problem

Use the table on page 254 to decide whether each statement is true or false.

- A 90-pound person skating at 10 mi/h would burn less than $7 \frac{2}{5}$ calories per minute.
- A 180-pound person skating at 8 mi/h would burn more than $5 \frac{3}{5}$ calories per minute.
- A 130-pound person skating at 12 mi/h would burn more than $11 \frac{9}{10}$ calories per minute.



Calories Burned (per minute) In-Line Skating					
Skater's Weight (pounds)	Speed of Skater (miles per hour)				
	8	9	10	11	12
120	$4 \frac{1}{5}$	$5 \frac{4}{5}$	$7 \frac{2}{5}$	$8 \frac{9}{10}$	$10 \frac{1}{2}$
150	$5 \frac{3}{5}$	$7 \frac{1}{5}$	$8 \frac{4}{5}$	$10 \frac{2}{5}$	$11 \frac{9}{10}$