

Lesson 4: Proportional Relationships and Equations

Cool Down: It's Snowing in Syracuse

Snow is falling steadily in Syracuse, New York. After 2 hours, 4 inches of snow has fallen.

1. If it continues to snow at the same rate, how many inches of snow would you expect after 6.5 hours? If you get stuck, you can use the table to help.

time (hours)	snow (inches)
	1
1	
2	4
6.5	
x	

2. Write an equation that gives the amount of snow that has fallen after x hours at this rate.

3. How many inches of snow will fall in 24 hours if it continues to snow at this rate?