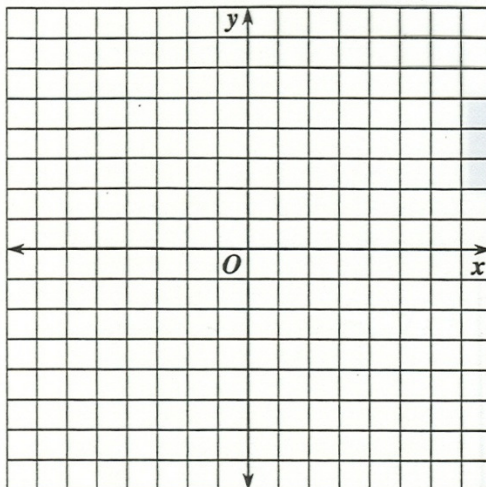


### Story

Snow fell for nine hours at a rate of  $\frac{1}{2}$  inch per hour. Before the snowstorm began, there were already six inches of snow on the ground.

### Table


### Graph



### Questions

How much snow was on the ground after 4 hours?

If the rate of snow fall continued, how much snow would be on the ground after 15 hours?

What is the linear relationship between the snow on the ground  $G$  and the number of hours since the snow began  $t$ ?