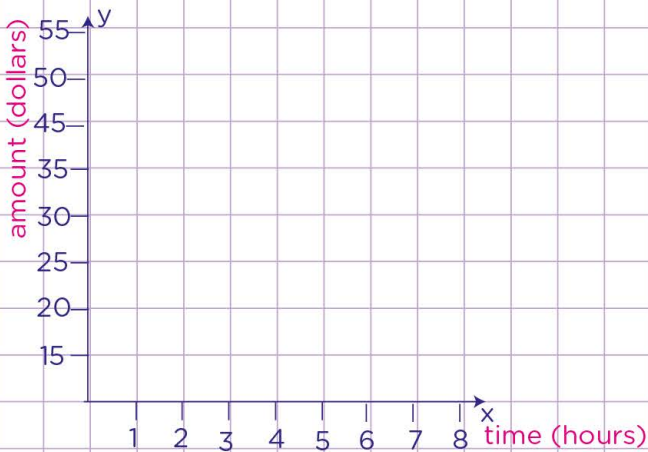


Name: ..... Class: .....

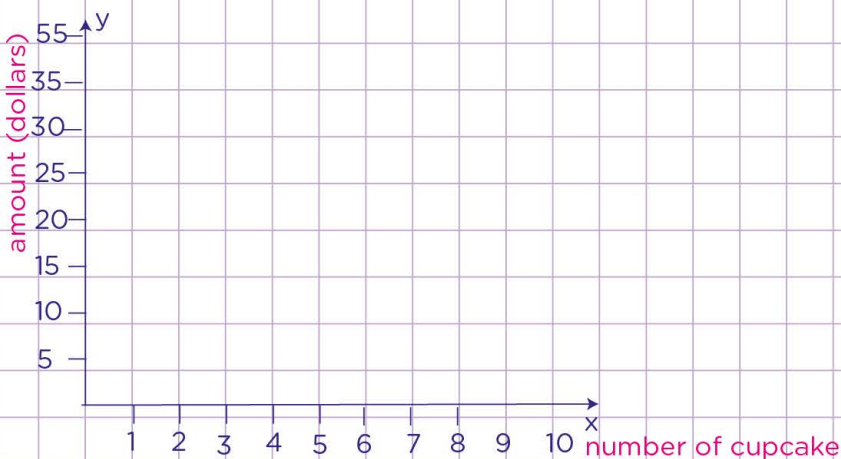
Interpret graphs of proportional relationships.

1. To earn more money Sophia works extra shifts in a nursing home. The graph below shows the proportional relationship between the time Sophia spends in the extra shifts ( in hours) represented by  $x$  and the amount of money she earns during the extra shifts (in dollars), represented by  $y$ .



What does the point 7, 50 represent?

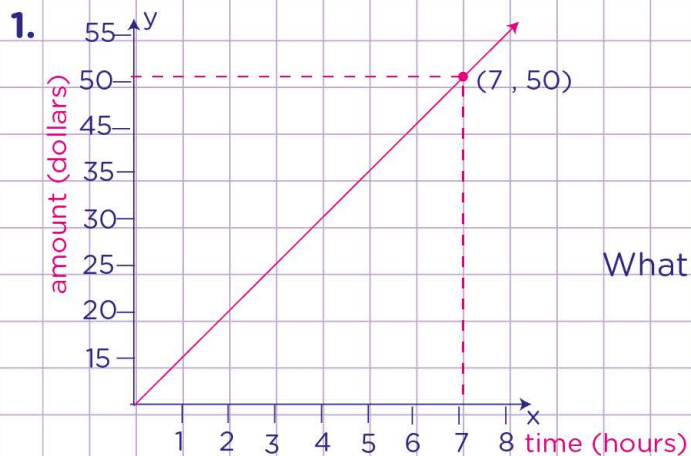
2. Emilia is having a small snack party in her office with her colleagues. She intends to bring cupcakes from a near-by bakery. The graph below shows the proportional relationship between the number of cupcakes Emilia buys on the  $x$  axis and their total cost (in dollars) on the  $y$  axis.



What does the point 10, 25 represent?

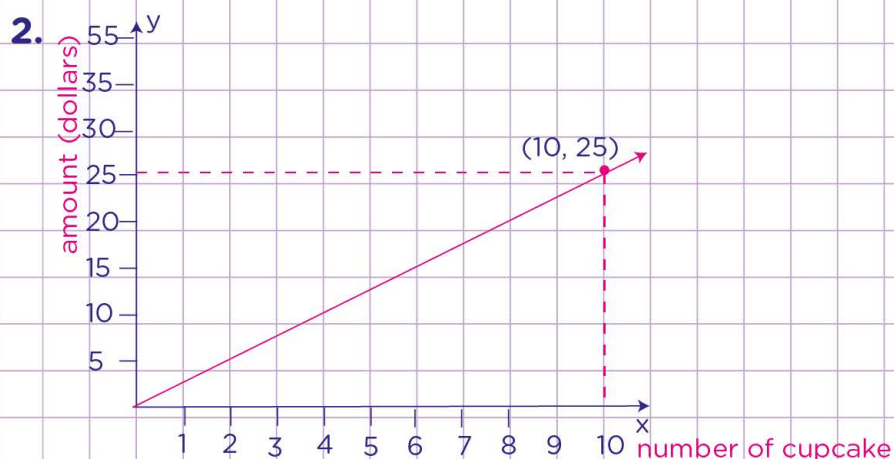
Name: ..... Class: .....

## Interpret graphs of proportional relationships.



What does the point (7, 50) represent?

The point (7, 50) has x- coordinate equal 7 and y-coordinate equal to 50.  
So, ( 7 , 50 ) represents the statement  
Sophia earns \$50 working extra shifts for 7 hours



What does the point 10, 25 represent?

The point (10, 25) has x-coordinates equal to 10 and y-coordinates equal to 25  
So, (10, 25) represents the statement  
Emilia can buy 10 cupcakes for \$25.