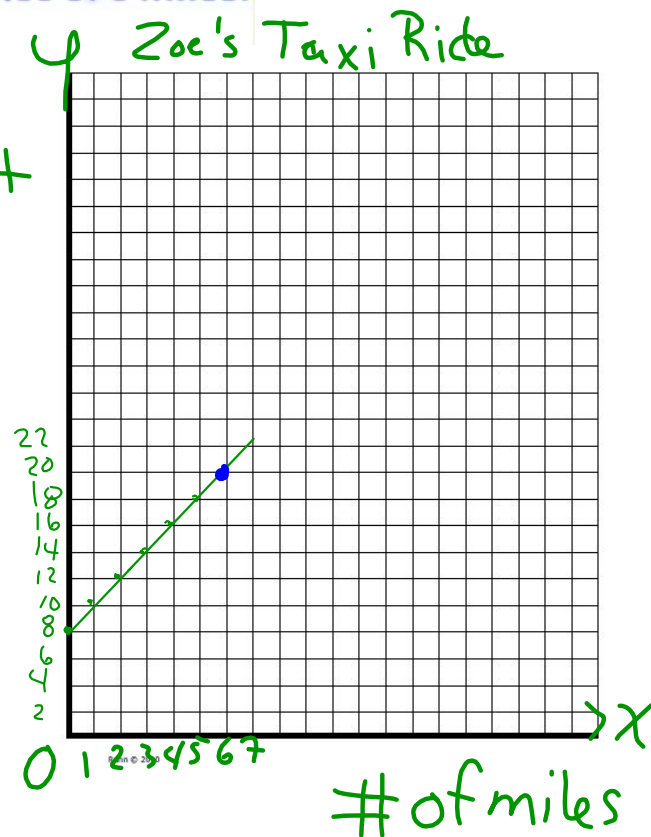Zoe is going to take a taxi from the airport to her destination. When she gets in the taxi she learns that it costs $2 per mile in addition to the $8 flat fee. Create a graph that models the cost depending on the number of miles. Then use the graph to determine the price of 6 miles.

x

y

x # of miles	y: cost
0	8
1	10
2	12
3	14
4	16
5	18
6	20

$(0, 8)$

$$y = 2x + 8$$

Cost ($)

y Zoe's Taxi Ride

#of miles

It would cost $20 to

travel 6 miles.