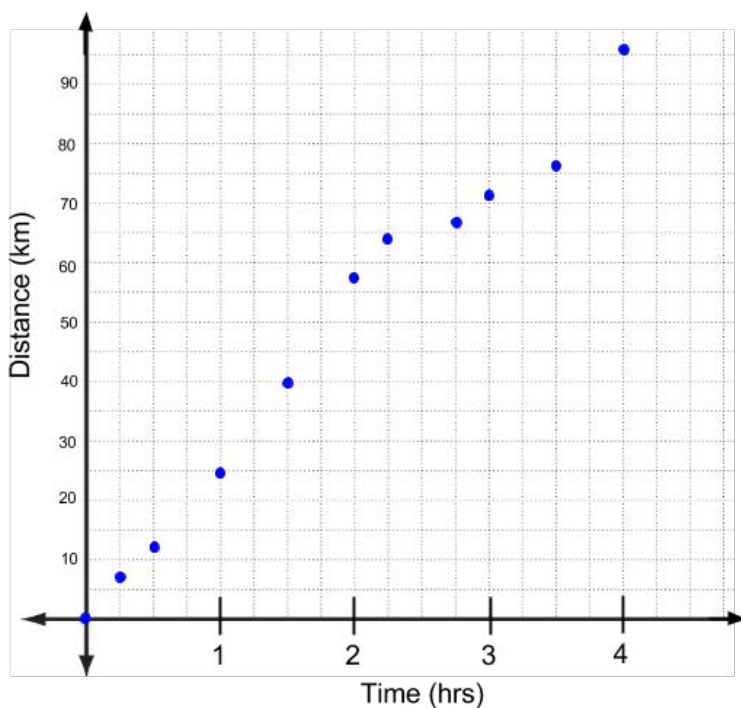


The table shows data for a cyclist's drive from home during a four hour ride.

b. Find the cyclist's average speed.

c. Find an equation that models the data and graph it on the scatter plot.

d. At what times might the cyclist be coasting downhill or riding uphill?
Explain.



Time (hours)	Distance (km)
0	0
0.25	6.4
0.5	12.8
1	24
1.5	40
2	57.6
2.25	64
2.75	65.6
3	70.4
3.5	76.8
4	96