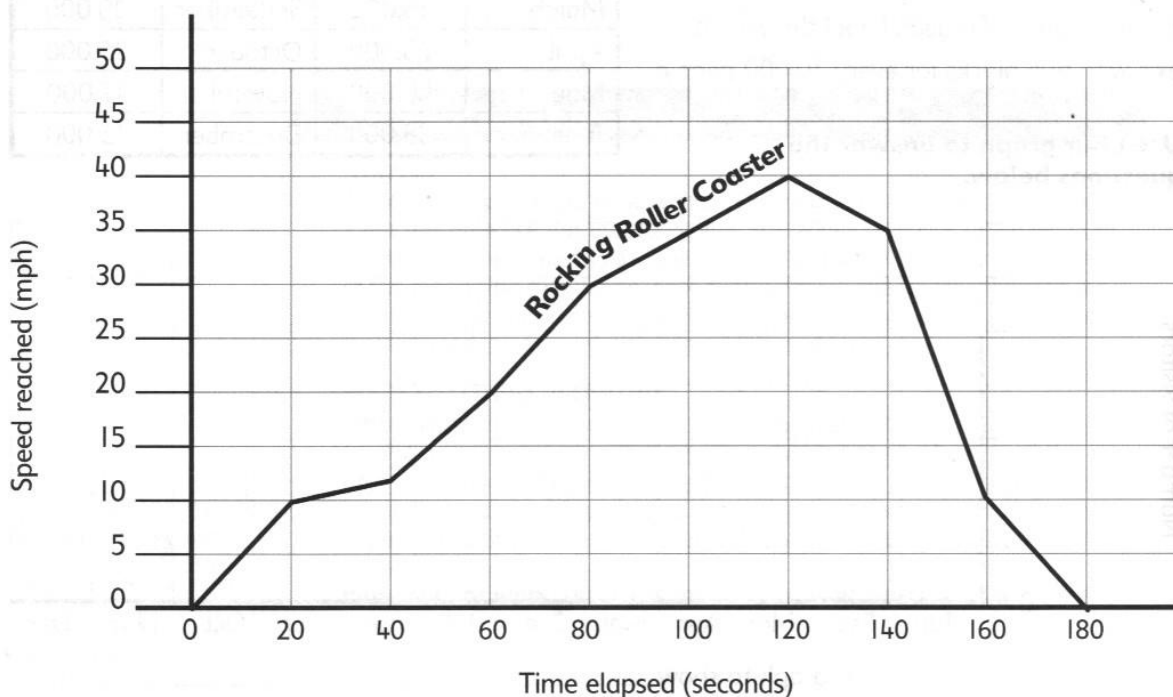**Look at this graph for the Rocking Roller Coaster.**

On the same set of axes, plot a line graph to show the speeds reached by the Hill and Dale Dipper, which also lasts for three minutes. The data you need is in the table below.

A graph to show _____

Speed reached (mph) vs Time elapsed (seconds)

Hill and Dale Dipper

Time (secs)	Speed (mph)
0	0
20	5
40	15
60	28
80	38
100	42
120	42
140	50
160	30
180	0

Use the information on the graph to answer these questions.

1. Give the graph a title.

2. Use a calculator to find the mean speed for each ride. Show how you did it.

3. What was the approximate speed of each ride at 70 seconds?

4. What was the approximate speed of each ride at 30 seconds?