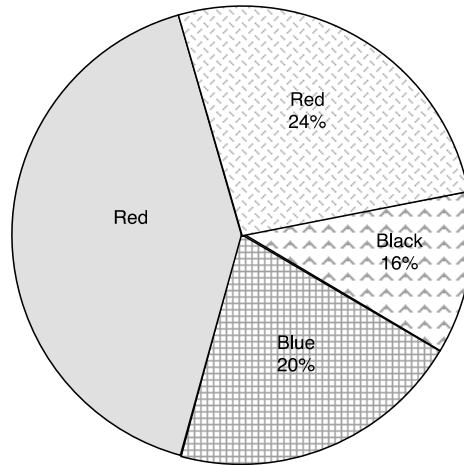
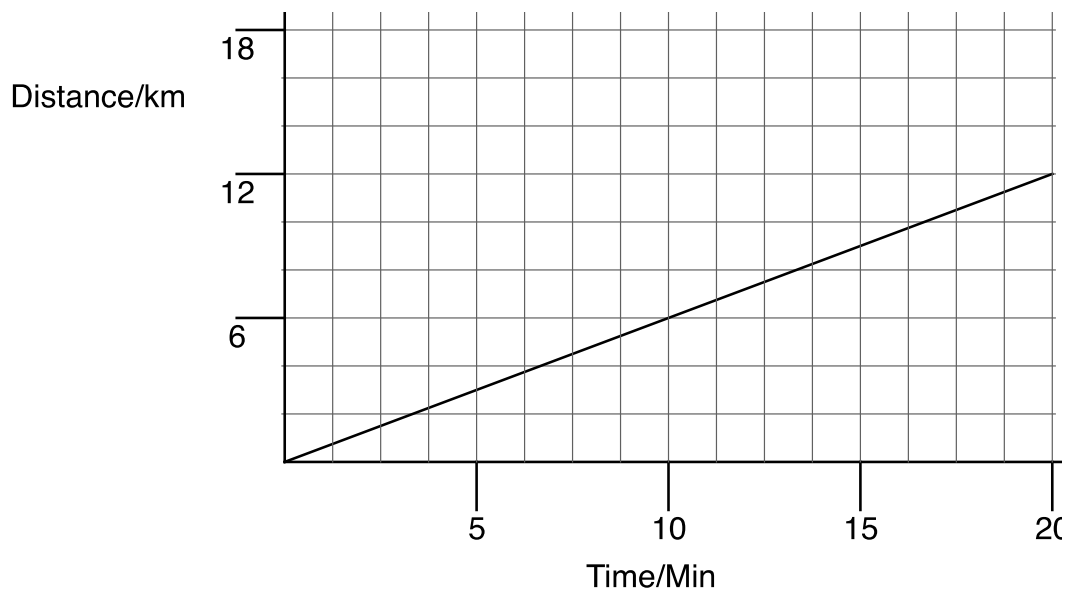


Data Handling

- This chart represents the colours of cars in a car park. If there are 450 cars in total, how many are red?



- The graph shows the distance travelled compared to time by a motor cyclist during a journey lasting 20 minutes



Use the graph to *calculate* how far the cyclist travelled in

- 20 minutes?
- 15 minutes

3. Andrew conducted a survey of 100 first year students in his school to determine which type of music they preferred. The results are given in the table below.

	Boys	Girls
Hip Hop	15	30
Rock	10	5
Reggae	11	

How many girls preferred Reggae?

4. Jennifer collected information from her classmates about the time it took them to walk to school. She wanted to find the modal time (the time that occurred most often) Find the mode of the sample below?

10	12	13	10	11
10	13	14	10	11
11	15	16	10	12
13	11	10	10	12
15	15	14	19	10

5. Jane's mother thinks that she spends too much time watching television. The table below shows the amount of time she spends watching television each night on a given week. If Jane watches television on average 2 hours that week, how long does she spend watching it on Thursday?

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
2.5	1.9	2.6		1.5	1.2	2.5

6. Paul went shopping on four successive Saturdays

	Week 1	Week 2	Week 3	Week 4
No of items purchased	5	2	4	2
Time spent shopping in hours	3	1.5	2	1.2
Average Cost of items purchased	€42	€30	€32	€45

- a. Find the mean number of items purchased per hour on the first Saturday
- b. One of the items cost €150. On which week was it purchased?