

Activity 7: Plotting graphs

Plot a graph for the data in this question. Compare your graph with those drawn by other delegates.

- 8 A scientist investigates the effect of exercise on breathing rate.

She measures the breathing rate in breaths per minute of two people, P and Q, every 5 minutes for 30 minutes.

This is her method.

- measure their breathing rate every 5 minutes while they exercise for 20 minutes
- measure their breathing rate every 5 minutes for a further 10 minutes while they recover from the exercise

The table shows her results.

Time in minutes	Breathing rate in breaths per minute	
	Person P	Person Q
0	12	15
5	20	24
10	22	24
15	25	23
20	24	20
25	16	19
30	12	15

