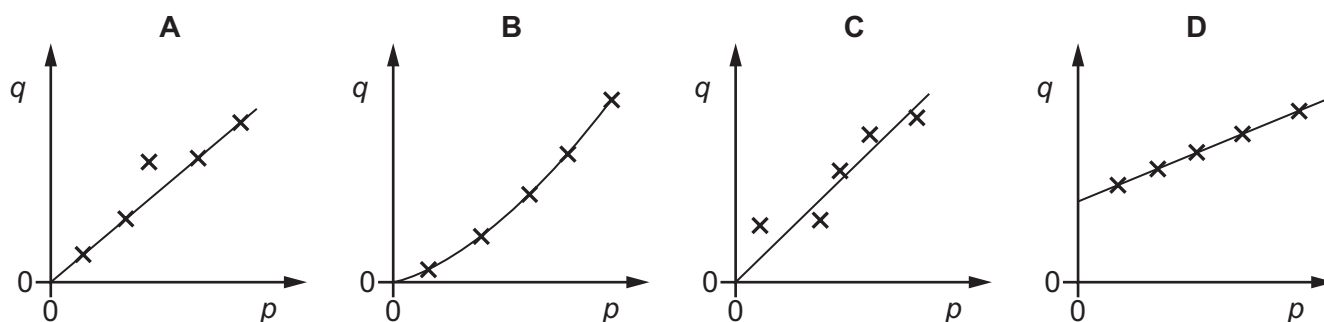


- 6 Two quantities p and q are directly proportional to each other.

Experimental results are taken and plotted in a graph of q against p .

Which graph shows there were random errors in the measurements of p and q ?



- 7 A man of mass 75.2 kg uses a set of weighing scales to measure his mass three times. He obtains the following readings.

	mass / kg
reading 1	80.2
reading 2	80.1
reading 3	80.2

Which statement best describes the precision and accuracy of the weighing scales?

- A** not precise to ± 0.1 kg and accurate to ± 0.1 kg
B not precise to ± 0.1 kg and not accurate to ± 0.1 kg
C precise to ± 0.1 kg and accurate to ± 0.1 kg
D precise to ± 0.1 kg and not accurate to ± 0.1 kg