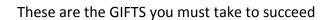
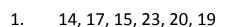
Essential Skills 12

The questions in this series of worksheets appear frequently.



Standard Deviation (Calculator)

Calculate the mean and the standard deviation of each:



APPLYING QUESTION

The prices, in pence, at five petrol stations around Airdrie for a litre of unleaded are:

(a) Calculate the mean and standard deviation.



- (b) Why do you think the standard deviation must be so low?
- (c) If each petrol station had to put their price up by 4 pence what effect would it have on the mean and standard deviation?

G. Rennie Brannock High School