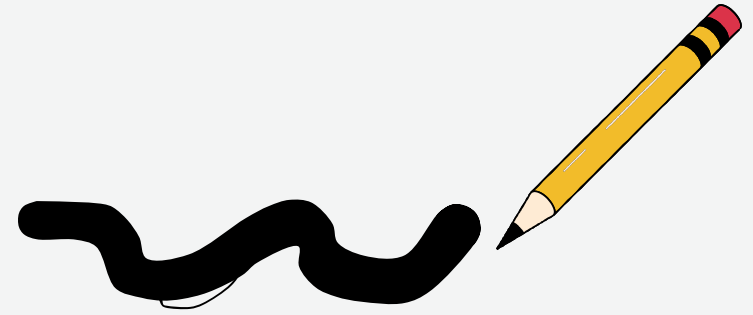


# PAST YEAR QUESTIONS



Given the mean of the data  $(x-2)$ ,  $(x+5)$ ,  $(x+3)$ ,  $(3x-4)$ ,  $(2x+7)$  is 7.

*Diberi min bagi data  $(x-2)$ ,  $(x+5)$ ,  $(x+3)$ ,  $(3x-4)$ ,  $(2x+7)$  ialah 7*

i. Determine the value of  $x$

*Tentukan nilai  $x$*

[4 marks]

[4 markah]

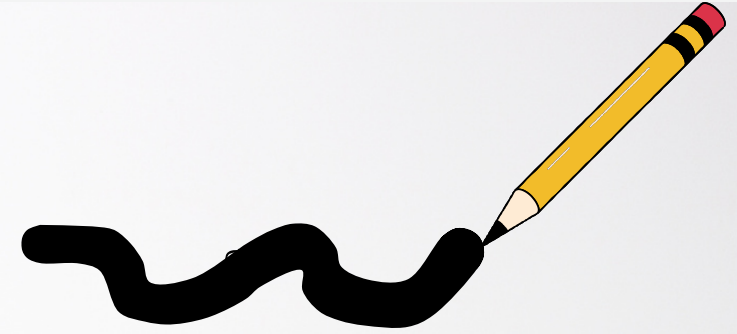
ii. Then, identify the median and the mode of the data

*Kemudian, kenalpasti median dan mod bagi data tersebut*

[4 marks]

[4 markah]

# PAST YEAR QUESTIONS



Given a set of data 4, 7, 8, 9 and 10. Calculate the mean and median of the data if:

*Diberi satu set data 4, 7, 8, 9 dan 10. Kirakan min dan median untuk data jika:*

- i. Add 2 to each of the original data  
*Tambahkan 2 pada setiap data*

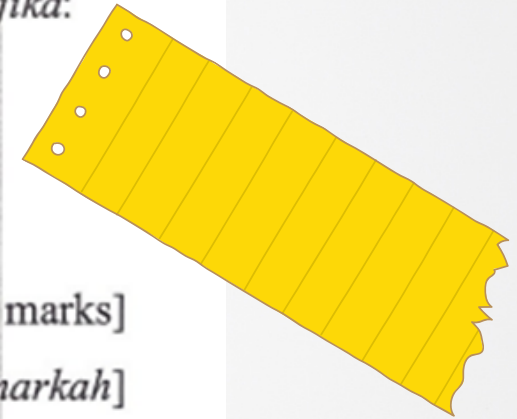
[4 marks]

[4 markah]

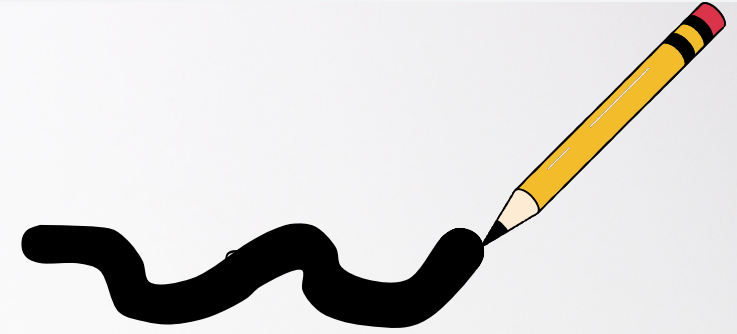
- ii. Multiply each of the original data with 2  
*Darabkan dengan 2 bagi setiap data*

[4 marks]

[4 markah]



# PAST YEAR QUESTIONS



Given the mean of the data  $(x-5)$ ,  $(x+5)$ ,  $(x+8)$ ,  $(3x-4)$ ,  $(4x+7)$  is 12.2.

*Diberi min bagi set data  $(x-5)$ ,  $(x+5)$ ,  $(x+8)$ ,  $(3x-4)$ ,  $(4x+7)$  ialah 12.2.*

- i. Find the value of  $x$ .

*Cari nilai  $x$ .*

[4 marks]

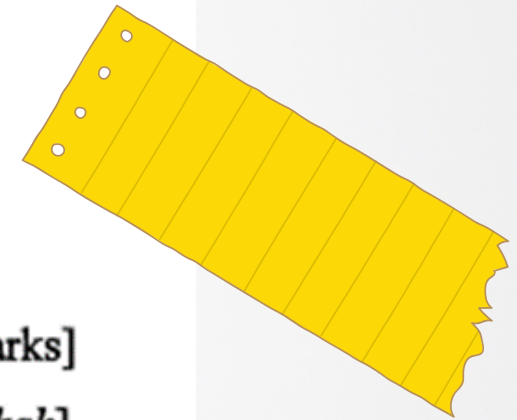
[4 markah]

- ii. Then, find the variance and standard deviation of the data.

*Kemudian, cari varian dan sisihan piawai bagi data tersebut.*

[6 marks]

[6 markah]



# PAST YEAR QUESTIONS

Based on the given data, calculate:

Berdasarkan data yang diberi, kirakan:

6    7    3    4    7    7    8    8    9

a. Mean.  
*Min.*

[3 marks]

[3 markah]

b. Mode.  
*Mod.*

[1 mark]

[1 markah]

c. Median.  
*Median.*

[2 marks]

[2 markah]



**Good Luck!**