

8½ 10½ 9 10½ 7 6 10 10½

The Shoe Store for men sold 8 pairs of shoes. The shoe sizes sold were:

8½, 10½, 9, 10½, 7, 6, 10, 10½

(a) Calculate

(i) the mean of the shoe sizes,

Answer: _____ [2]

(ii) the median shoe size.

Answer: _____ [3]

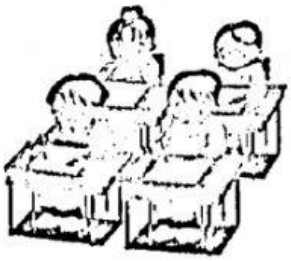
(b) Write down the modal shoe size.

Answer: _____ [1]

(c) Write down the measurement that is most useful to the store manager.

Answer: _____ [1]

LIVEWORKSHEETS



Sixteen students were asked how many hours each studied for the final mathematics exam. Their responses are recorded below.

8, 4, 3, 0, 0, 5, 0, 2, 1, 3, 7, 0, 4, 5, 6, 4

(a) Write down the mode.

Answer: _____ [1]

(b) Calculate

(i) the median,

Answer: _____ [3]

(ii) the mean.

Answer: _____ [2]

A student is selected at random from this group.

(c) Calculate the probability that this student

(i) did not study,

Answer: _____ [1]

(ii) studied 5 hours,

Answer: _____ [1]

(iii) studied less than 5 hours.

LIVEWORKSHEETS



Nathan collected data on the price of gasoline in the various family islands.

$4.14, $4.27, $4.58, $4.16, $4.49, $4.35, $4.64, $4.49

(a) Write down the modal price.

Answer: $ _____ [1]

Calculate

(b) the median price,

Answer: $ _____ [3]

(c) the mean price.

Answer: $ _____ [2]

The heights of 8 men on ***The Sports Team*** are:

180 cm, 178 cm, 175 cm, 180 cm, 186 cm, 190 cm, 187 cm, 184 cm

(a) Calculate

(i) the mean height,

Answer: _____ cm [2]

(ii) the median height.

Answer: _____ cm [3]

(b) Write down the modal height.

Answer: _____ cm [1]

LIVEWORKSHEETS