

Name: _____

Class: _____

Exercise

Topic: Statistics and Probability

Ali bought 5 watermelons. The weight of each watermelon is 9kg, 8kg, 8kg, 5kg, 10kg.

Arrange the weight of the 5 watermelons in ascending order

, , , ,

State the mode of the weight of the watermelons.



Find the median of the weight of the 5 watermelons bought by Ali.

What is the mean of the of the weight of the watermelons?

$$\text{Mean} = \frac{9 + 8 + 8 + 5 + 10}{\quad}$$

$$= \frac{\quad}{\quad}$$

Calculate the range.

$$\text{Highest weight} - \text{Lowest weight} = \quad - \quad$$

$$= \quad$$

If Ali bought another watermelon with weight 8kg, calculate the new mean.

$$\text{Mean} = \frac{\quad + \quad + \quad + \quad + \quad + \quad}{\quad}$$

$$= \frac{\quad}{\quad}$$