Measures of Central Tendency

Arithmetic Mean, Median and Mode

Name: _____ Nos: __ Grade: __ Room Nos: __

Question 1: Workout the mode for the each of the following.

a. 8, 1, 1, 7, 2, 1, 5, 9, 4, 1, 5, 5, 9, 6,4 ,3 ,2, 3, 1, 1, 9, 8, 7, 3, 2, 4, 5, 1, 1, 9, 1

b. 8, 9, 7, 3, 4, 7, 9, 3, 4, 5, 1, 2, 2, 1, 3, 0, 0, 8, 1, 4, 7, 8, 6, 6, 3, 3, 3, 1, 3, 3, 5.

Question 2: The tally chart shows the favorites sport of the students in a class.

(a) What is the modal sport?

(b) How many students are in the class?

(c) How many more students liked football than rugby?

Sport	Tally
Rugby	||||
Football	𝍸 𝍸 |
Hockey	𝍸 𝍸 ||
Cricket	|||

Question 3: Shown are the ages and weights of 5 dogs.

(a) Which dog has the median age?

(b) Which dog has the median weight?



	Fido	Lucky	Toto	Barney	Tess
Age	4	12	7	9	1
Weight	14kg	9kg	30kg	16kg	8kg

Question 4: The height of some footballers is listed below:

1.81m, 1.78m, 1.88m, 1.79m, 1.86m, 1.85m, 1.78m, 1.93m.

(a) Workout the median height

(c) What is the modal height?

LIVEWORKSHEETS

Mean

Question 5: Five houses on a street are sold in 2016. They sell for

£175,000 £184,000 £150,000 £201,000 £191

Calculate the mean price.

Question 6: The mean of four numbers is 10. Three of the numbers are 9, 11 and 7.

Workout the fourth number.

Apply:

Question 7: A set of six numbers have a median of 9. All of the numbers are even.

The range of the numbers is 8. The mode of the numbers is 6.

Write down a possible set of six numbers>> __, __, __, __, __, __,

Question 8: The range for a list of numbers is 8. The largest value is 13.

What is the smallest value in the list?

330	6	10	1.83	180,200	13
6	4925	12	10	Fido	14
8	Toto	10	1.78	6	5

LIVEWORKSHEETS