

Objective: To calculate the mean



Met

Partially
Met

Not Met

Work on the
following sections:

Column 1

Column 2

Extension

Column 1

Calculate the mean of the following:

- a) 7 3 5
- b) 3 4 8 5
- c) 5 6 10 8 1 6
- d) 5 4 1 6

Column 2

The mighty warriors have so far played 4 games this season. The number of goals scored in each game is given:

2, 1, 0, 1

- a) What is the mean number of goals scores over the first 4 games?
- b) After the 5th game the mean is 1.2 How many goals were scored in the 5th game?

The weight (in Kg) of 6 bags of grain were checked, the following results were obtained:

3.56 3.47 3.83 3.51 3.49
3.56

- a) What is the mean weight of the bags?
- b) Each bag is supposed to weigh 3.5kg. How much, in kg, is the heaviest bag overweight?

a) Write down five numbers that have a mean of 4 and a mode of 3.

b) Write down five numbers that have a mean of 8 but a median of 9

Extension: What are the strengths and weaknesses of using the mean to calculate averages?