

Arithmetic Mean

● MEDIUM

Name: _____

Date: _____

Score: ____/____

Key Formula: Mean = Sum of all observations ÷ Number of observations | Range = Highest value – Lowest value

Section A: Athlete Performance

Q1. The timings (in seconds) of 5 athletes in a 100 m race are given below. (3 marks)

Athlete	Usain Bolt	Tyson Gay	Justin Gatlin	Asafa Powell	Yohan Blake
Time (s)	9.58	9.69	9.74	9.72	9.69

- (a) Find the highest and lowest time.
- (b) Find the range.
- (c) Find the average speed (mean time).

Q2. The ages (in years) of 10 kids: **12, 15, 13, 6, 11, 9, 12, 6, 10, 8.**

- (a) Find the mean age.
- (b) Find the range.
- (c) What is the age of the oldest and youngest kid? (3 marks)

Q3. A student scored **87, 93, 91, 88** in four tests. What must she score in the 5th test to have a mean score of **90**? (3 marks)
