

# Arithmetic Mean

● MEDIUM

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_/\_\_\_\_

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

## Section A: Comparison & Analysis

**Q1.** The number of hours Aryan and Bhuvan worked over 5 days: (3 marks)

Day	Mon	Tue	Wed	Thu	Fri
Aryan	8	9	10	9	7
Bhuvan	9	7	11	6	8

- (a) Find the mean hours worked by Aryan.  
(b) Find the mean hours worked by Bhuvan.  
(c) Who worked more on average?

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**Q2.** The table shows production (in thousands) of ketchup bottles over 6 months: (3 marks)

Month	Jan	Feb	Mar	Apr	May	Jun
Units	56	45	60	50	48	42

- (a) Find the mean monthly production.  
(b) Which months are above the mean? Which are below?

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**Q3.** The mean of first  $n$  natural numbers is given by  $(n+1)/2$ . Verify this formula for  $n = 6$  by calculating the actual mean. (3 marks)

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