



Worksheet

Grade 7 - Mathematics

Chapter 16 – Data Handling

A. Choose the correct option.

1. Which average will give the most popular ice-cream flavour sold?

- a) Mean b) Mode c) Median d) None of these

2. Which of these sets of numbers can be best represented by mean?

- a) 49, 50, 51 b) 1, 50, 99 c) 0, 120, 30 d) 10, 10, 130

3. If the scale is 1 cm=220 units, how many units does 4.5 cm represent?

- a) 980 b) 890 c) 960 d) 990

4. If a bar height represents 180 units, how many units does 5 cm represents?

- a) 360 b) 280 c) 300 d) 240

5. What is the probability of rolling 7 in a die?

- a) $\frac{1}{6}$ b) 0 c) $\frac{1}{3}$ d) $\frac{1}{4}$

B. State whether the following statements are true or false

- 1) The mean of 60, 65, 70, 75 is 67.5.
- 2) The width of bars in a bar graph is not important.
- 3) If a bar of 4 cm represents 900, the scale is 1 cm = 250.
- 4) The maximum possible value of probability is 1.
- 5) Probability cannot be 0.

C. Solve

- 1) Find the mean of: 70, 72, 80, 76, 64, 82, 68, 70
- 2) Find the median of: 260, 102, 280, 120, 200, 216

3) Find the mode of: 406, 430, 511, 430, 405, 620, 430, 511, 406, 600

4) A date is selected at random from the month of April. What is the probability it is divisible by 4?

D. Answer the following questions.

1. Draw a bar graph for the following data.

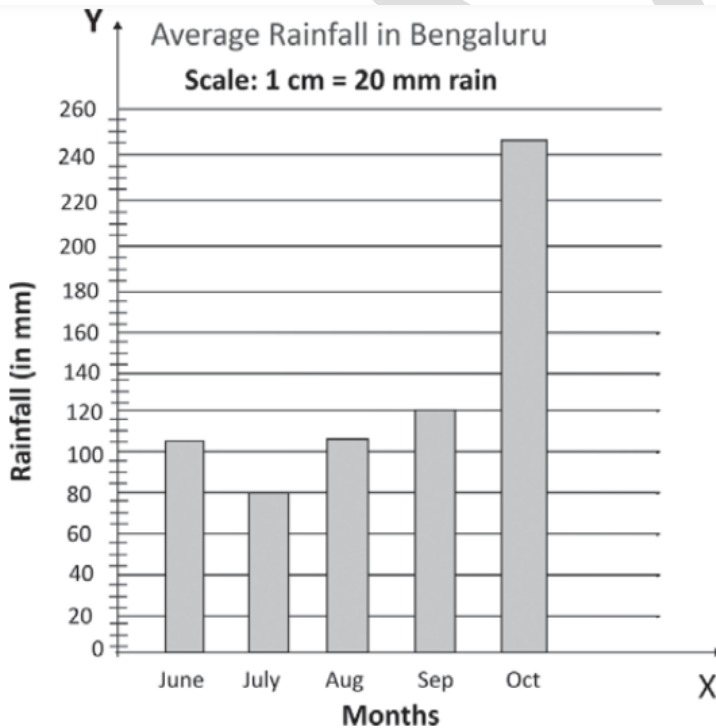
a) Price of some vegetables per kilogram.

Chow Chow	Potato	Onion	Cabbage	Beans
₹32	₹45	₹64	₹22	₹86

b) Number of drinks sold in a shop.

Lassi	Juice	Soft drink	Tea	Hot Chocolate
110	200	160	150	80

E. Study the bar graph and answer the questions.



1) What is the bar graph about?

2) Which month receives the highest rainfall?

- 3) Which month receives the lowest rainfall?
- 4) What is the difference (in mm) between the two months with the highest rainfall?
- 5) What is the difference (in mm) between the two months with the lowest rainfall?
- 6) How much more rain does September receives than July?

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