Subject: Maths

Class: 5

Topic: Reading and interpreting bar graphs

Levels: Basic, Intermediate, Advanced

Level: Basic

1. In a bar graph showing fruits sold, the bar for 'Mango' reaches the number 50. How many mangoes were sold? _____

2. If 1 unit on the vertical axis represents 10 students, what do 3 units represent? _____ students.

3. A bar graph shows the favorite colors of Class 5. If the 'Blue' bar is the tallest, which color is most liked? _____

4. Look at the graph: If 'Arjun' has 4 bars (1 bar = ?5), how much money does he have? ?_____

5. In a 'Rainfall' graph, the bar for July is at 10cm and August is at 15cm. Which month had more rain? _____

6. True or False: In a bar graph, all bars must have the same width. (Answer: _____)

7. If the bar for 'Apples' reaches 25 and 'Oranges' reaches 20, how many more apples are there than oranges? _____

8. A graph uses ? symbols. If 1 ? = 2 books, how many books does ? ? ? represent? _____

9. Which part of the bar graph tells us what the graph is about? (The T _ _ _ _).

10. If a bar graph shows the number of pets, and 'Cat' reaches 12 while 'Dog' reaches 12, are they equal? _____

Subject: Maths

Class: 5

Topic: Reading and interpreting bar graphs

Levels: Basic, Intermediate, Advanced

Level: Intermediate

1. Scale: 1 unit = 100 kg. If the 'Rice' bar is 4.5 units long, what is the weight of rice in kg? _____

2. In a graph of 500 students, the 'Cycling' bar is at 150 and 'Walking' is at 200. How many students use other modes? _____

3. Aarav spent ?40 on snacks and ?60 on books. If we draw a graph, how much taller will the 'Books' bar be than 'Snacks'? _____

4. Look at the graph: Monday = ? ?, Tuesday = ? ? ?. If ? = 4 sunny hours, total sunny hours in two days = _____

5. If the 'Milk' bar is at 30L and 'Water' bar is at 70L, what is the total volume shown? _____ L.

6. Calculate the difference: The tallest bar is 'Cricket' (85 points) and the shortest is 'Tennis' (30 points). Difference = _____

7. In a graph of tree plantation, 'Neem' = 40, 'Peepal' = 25, 'Banyan' = 15. What is the sum of all trees? _____

8. If we double the scale (from 1 unit = 5 to 1 unit = 10), will the height of the bars become shorter or taller? _____

9. A graph shows marks of 3 students: Priya (45), Sana (40), Ravi (50). Who scored the second highest? _____

10. Represent the number 16 using ? symbols if 1 ? = 4 units. Draw them here: _____

Subject: Maths

Class: 5

Topic: Reading and interpreting bar graphs

Levels: Basic, Intermediate, Advanced

Level: Advanced

1. A bar graph shows profit: Jan = ?500, Feb = ?300, Mar = ?400. What is the average profit for 3 months? ?_____

2. In a graph showing 'Favorite Subjects', Maths is 2/5th of the total 100 votes. What is the value of the Maths bar? _____

3. If 1 unit = ? (where ? = 12), and the 'Pizza' bar is 3 units long, calculate the total value: _____

4. The 'Wheat' bar is 20cm tall (Scale 1cm = 50kg). If 100kg is sold, what will be the new height of the bar? _____ cm.

5. In a graph, the 'Savings' bar grew from ?200 to ?450 in one year. By how much did the savings increase? _____

6. Class 5 has 40 students. In a graph, 10 like Pizza ?, 20 like Pasta ?. What fraction of the class likes Pasta? _____

7. If the area of a bar is 10 sq units and its width is 1 unit, what is the height of the bar? _____

8. Compare: Bar A = 15^2 units, Bar B = 200 units. Which bar is taller and by how much? (Hint: 15^2 = 15 x 15). _____

9. A graph shows temperature: Morning = 28°C, Noon = 35°C, Night = 22°C. What is the range (Max - Min)? _____

10. If ? = 7 units on a graph, and the 'Cicle' bar is 3? long, what is the numerical value? _____