Year 5 Worksheet 7: Statistics and Data Interpretation

Level: Beginner

1. Look at the bar chart. What is the tallest bar?

2. How many people chose blue?

3. Tick the graph that shows the fewest votes.

4. Complete the tally chart for 5 apples.

5. Which day had the most rain?

6. What is the total of Monday and Tuesday?

7. Circle the correct mode of the data.

8. How many pets in total from the chart?

9. What does each pictogram symbol represent?

10. Draw a bar chart using given numbers.

[Use the space below to work out your answers. Show all your working.]

Year 5 Worksheet 7: Statistics and Data Interpretation

Level: Intermediate

1. Complete the table showing favourite fruits.

2. What is the range of the data: 2, 4, 6, 10, 5?

3. Identify the median of: 3, 7, 5, 9, 1

4. Interpret the line graph showing temperature over a week.

5. Calculate the average number of books read per month.

6. How many more chose vanilla than strawberry?

7. Create a tally for 4 dogs, 6 cats, 3 birds.

8. Estimate total using pictogram.

9. Draw a simple chart from data set.

10. Find missing number in two-way table.

[Use the space below to work out your answers. Show all your working.]

Year 5 Worksheet 7: Statistics and Data Interpretation

Level: Difficult

1. Draw and label a line graph.

2. Calculate mean of: 8, 12, 7, 13, 10

3. Compare bar charts showing car colour preferences.

4. Read a timetable and answer: What time is the first train?

5. Convert table data to a bar chart.

6. Write questions to ask from a line graph.

7. What's the modal class from frequency chart?

8. Use chart to solve: How many more books were read in May than March?

9. Analyse a graph and write 2 conclusions.

10. Estimate the mean of grouped data.

[Use the space below to work out your answers. Show all your working.]

Year 5 Worksheet 7: Statistics and Data Interpretation

Level: Super Challenging

1. Write your own survey and collect data.

2. Plot a line graph from table data.

3. Analyse trends from a 12-month line chart.

4. Interpret complex pictograms with a key.

5. Solve: Class A has 12 more pupils than Class B. Show this in a bar chart.

6. Design and fill in a two-way table.

7. Find range and mean of this data set: 14, 11, 19, 12, 13

8. Predict outcomes based on past data.

9. Solve a problem involving both a table and a graph.

10. Create and compare 2 sets of data.

[Use the space below to work out your answers. Show all your working.]