



Year 4 Worksheet 7: Statistics and Problem Solving

Level: Beginner

1. Look at the pictogram. How many apples are there?
2. Tick the graph that shows the most pets.
3. A bar chart shows 6 red cars and 4 blue cars. How many total?
4. What is the most popular fruit shown on the chart?
5. How many children chose swimming if 3 pictures = 6 children?
6. Which day had the least rain? Use the bar graph.
7. Count the number of books read in January and February.
8. Which animal had 4 votes? Use the tally chart.
9. How many more children chose football than tennis?
10. How many total votes are shown on the chart?

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



Year 4 Worksheet 7: Statistics and Problem Solving

Level: Intermediate

1. A table shows class attendance. How many children were absent on Tuesday?
2. The bar chart shows shoe sizes. How many wore size 3?
3. Add the totals for size 2 and size 4 shoes.
4. A tally chart shows scores. How many children scored 8?
5. What's the difference between the highest and lowest scores?
6. Interpret the line graph showing temperature over a week.
7. How many degrees did the temperature drop from Monday to Wednesday?
8. Create a bar chart using the following data: Red - 5, Blue - 8, Green - 6.
9. True or False: More children chose dogs than cats.
10. What is the total number of children surveyed?

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



Year 4 Worksheet 7: Statistics and Problem Solving

Level: Difficult

1. A table shows sales: Mon - '45, Tue - '65, Wed - '55. Find the total.
2. Use the bar graph to calculate the average number of books read.
3. Which subject had the second highest score?
4. What's the difference in scores between Art and PE?
5. A tally chart shows coins. How many 50p coins are there?
6. Calculate: $(\text{Mon} + \text{Tue}) - \text{Wed}$
7. A graph shows the number of pages read. Who read the most?
8. Create a pictogram using the data: Cars - 6, Buses - 2, Bikes - 4.
9. Solve the problem: If each picture = 2 books, how many books were read?
10. Use data from a chart to solve: How many stickers are needed for 5 pupils if each gets 12?

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



Year 4 Worksheet 7: Statistics and Problem Solving

Level: Super Challenging

1. Write a problem involving two-step reasoning with a tally chart.
2. Interpret a line graph to find trends over time.
3. Use a bar chart to predict next month's likely total.
4. Create your own bar graph using given survey data.
5. Calculate range, mode, and mean from the data set: 5, 7, 9, 7, 6.
6. Solve: If 3 stickers = 1 star, how many stars for 27 stickers?
7. Use the chart to determine: How many more animals in Group A than Group B?
8. Design a word problem involving a missing number in a table.
9. Write two questions you could ask about the chart.
10. Compare two bar graphs and describe which group performed better.

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