

Year 4 Silver Badge - Complete both tasks and hand this back to your class teacher.

Task 1

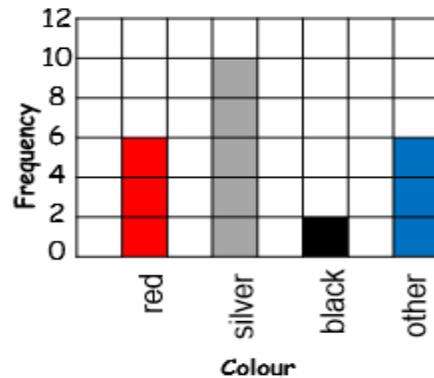
Interpret data in bar charts

PTRC

Year 4 counted the colours of cars that passed the school one day

1. Which was the most popular colour of car to pass the school
2. How many more silver cars than black cars passed the school?
3. How many red cars passed the school?
4. If the same number of cars of each colour had passed the school, how many would this have been?
5. Why do you think there is a bar labelled 'other'?
6. What other questions could you ask about the data in this bar chart?

A bar chart showing the colour of cars



Task 2

Recall multiplication and division facts for multiplication tables up to 12×12

PTRC

Mrs Smith wants to buy new stationery for her class for the start of term. How many pencils, rulers and rubbers did Mrs Smith buy?

1. The number of pencils is between 200 and 250. It is a multiple of 2, 3, 5 and 7.
2. The number of rulers is a 2-digit number. The difference between the tens and ones digits is 2. The sum of the tens and ones digits is 10. The number is a square number.
3. The number of rubbers is also a square number. The sum of the number of rulers and the number of rubbers is 100.