

Data Handling: Mr. Baker does a Milkshake Survey now

Mr. Baker is now trying to find out whether their chocolate or strawberry milkshakes are more popular. One Monday, over lunch time they asked 10 regular customers to rate these two milkshakes on a scale of 1 (bad, don't like it at all!) to 10 (good, I love it!).

Customer	Rating: chocolate milkshakes	Rating: strawberry milkshakes
Mr. Smith	7	9
Mr. Jones	4	7
Dr. Taylor	6	10
Mrs. Martin	9	9
Miss. Clarke	6	8
Mrs. Lewis	4	8
Mr. Davies	7	1
Mrs. Hughes	8	9
Miss. Harris	10	10
Prof. Wang	8	6

1. Professor Mr. Smith gave Mr. Baker's strawberry milkshakes a rating of '9'. What does this mean? _____
2. Which kind of milkshake does Mr. Jones prefer? _____
3. Which kind of milkshake does Mr. Davies prefer? _____
4. Write a short report to the manager of Mr. Baker, summarising these findings and making recommendations for future supply of chocolate and strawberry milkshakes.
5. Comment on this statement made by a shop assistant of Mr. Bakers: "The customers like strawberry milkshakes more than chocolate milkshakes".
6. Does Mrs. Hughes like chocolate milkshakes? Explain:-
7. Do you think Mr. Baker collected this information (data) in a sensible way? Explain:- How would you recommend that they collect information about the popularity of milkshakes in future?

Use another sheet of paper for your answers.

