



# 8-9 YEARS | WEEK 35

## Math - Sets - Graphs - And Statistics

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1. Data and Statistics - Tally and Graph

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2. Data and Statistics - Bar Graph

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3. Data and Statistics - Reading a bar graph

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4. Data and Statistics - Pictogram

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5. Data and Statistics - Line graph

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6. Graph - Finding co-ordinates

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7. Graph - Plotting co-ordinates

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8. Graph - Draw by coordinates

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9. Graph - Board game

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10. Graph - Battleship game

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11. Sort, Count and graph

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12. Scavenger hunt and Graphing

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13. Draw - Bar graphs

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14. Bar graph - Choose and circle

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15. Project - Nature walk and graphing

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16. Set theory - Venn diagram

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17. Venn diagram - Classification

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18. Venn diagram - Reading

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19. Set theory - probability

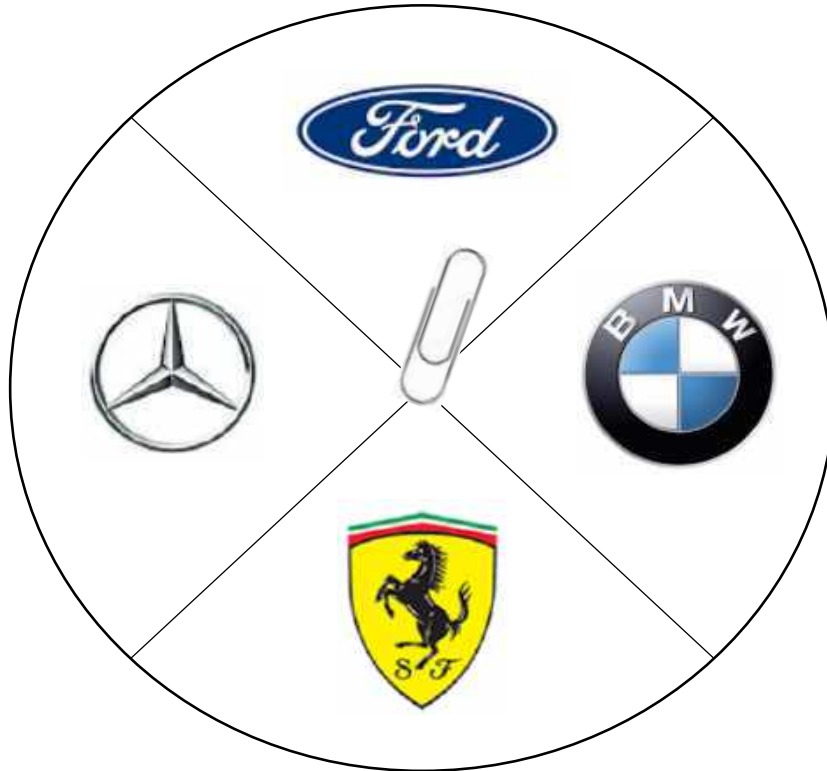
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20. Set theory - Reading a pie chart

# M: Data and Statistics- Tally and graph

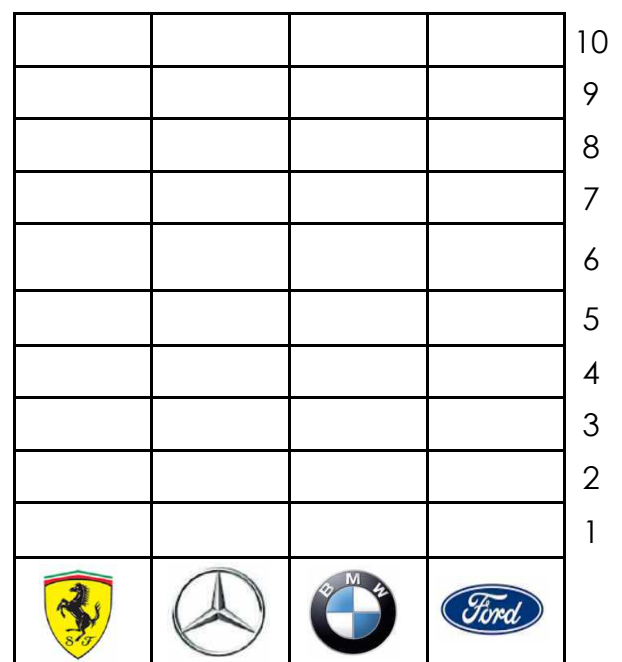


Place a paperclip at the centre of the board, and hold it with a pencil. Spin the paper clip ten times, and record the number of times the paper clip lands on your favourite car. Use tally marks to organize and record your data.



Players	Tally Marks	Number
 Ferrari		
 Mercedes		
 BMW		
 Ford		

Colour the bar chart

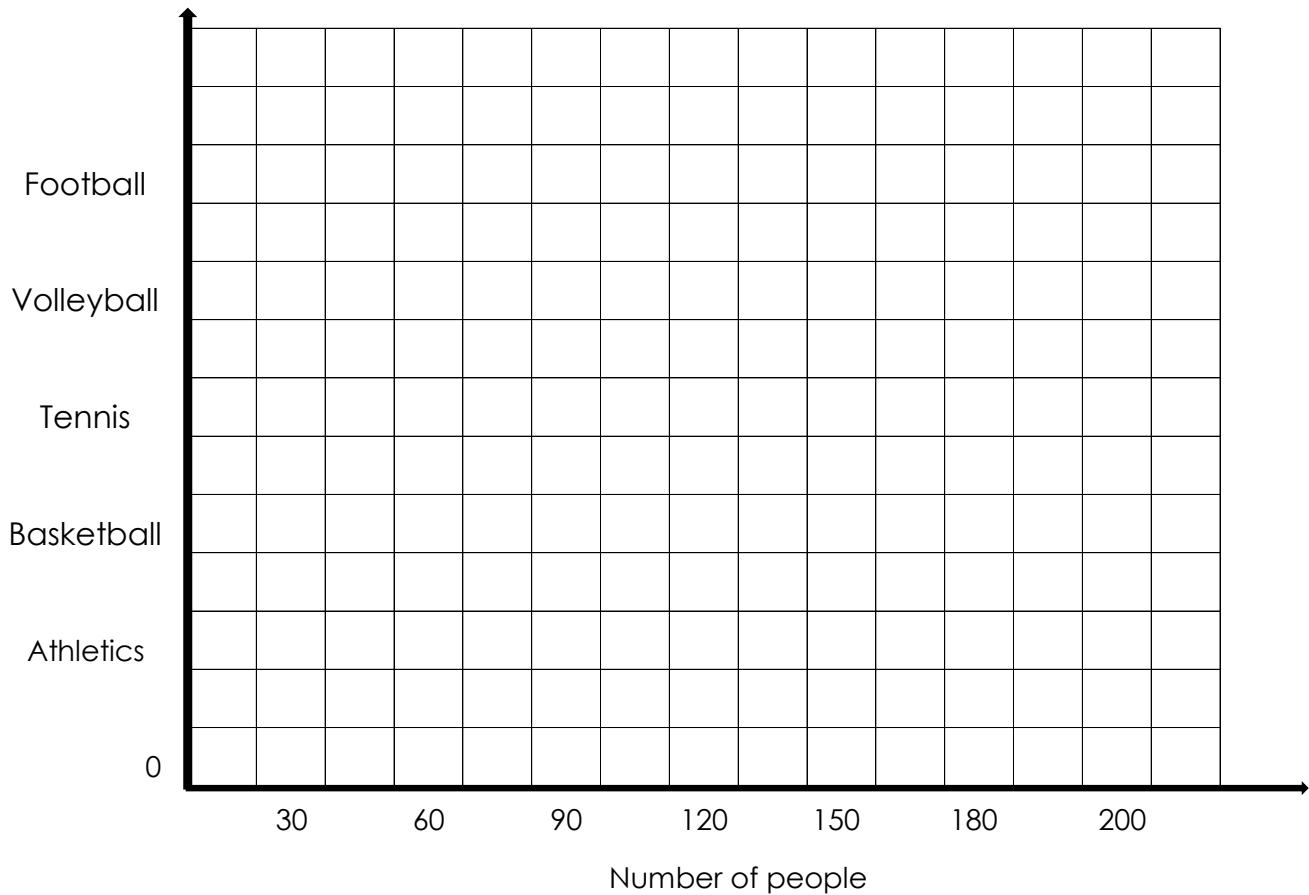


# M: Data and Statistics Bar graph



For a school project, Rahul had to interview people and ask them about their favourite sports. Use the table data to complete the bar graph with different colours. Also, answer the questions.

Athletics	Basketball	Tennis	Volleyball	Football
165 people	135 people	120 people	60 people	210 people



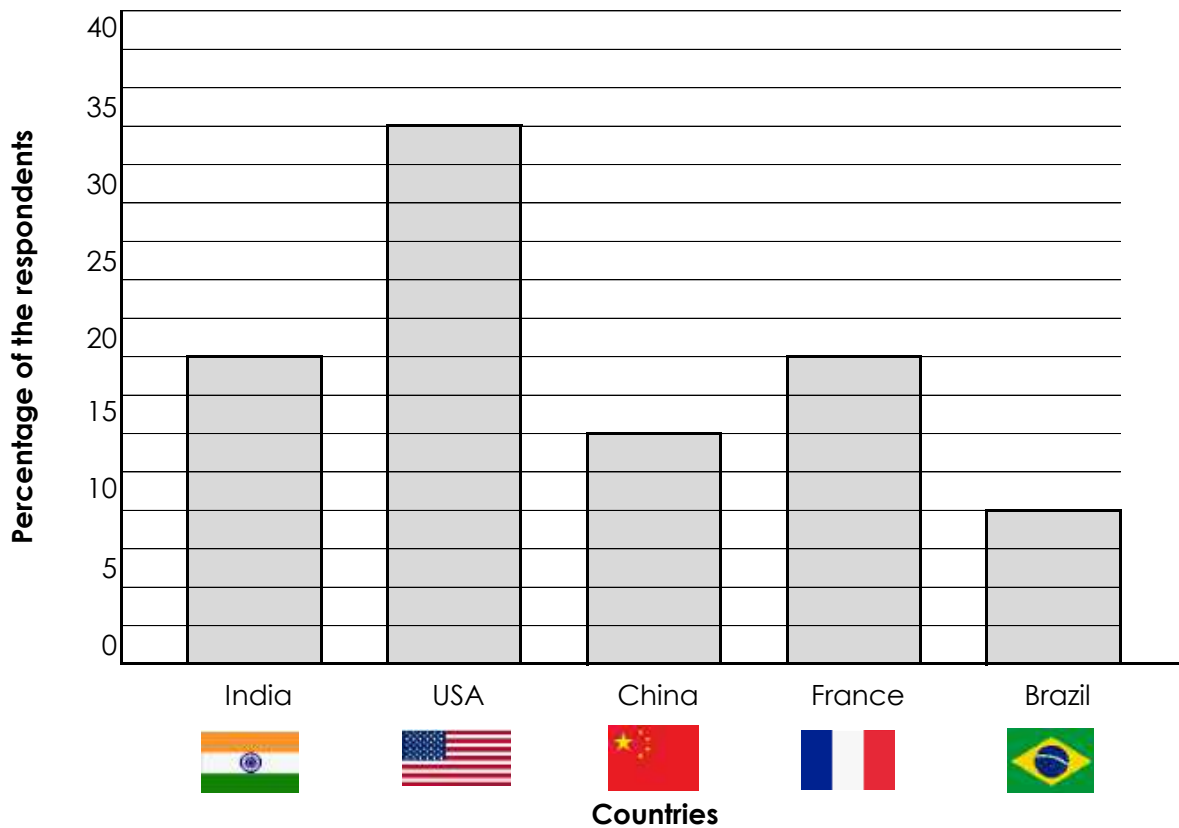
- 1) How many people liked athletics and tennis? \_\_\_\_\_
- 2) How many people liked football and basketball? \_\_\_\_\_
- 3) How many more people liked football than volleyball? \_\_\_\_\_
- 4) How many people were interviewed altogether? \_\_\_\_\_

Answer Key: 1) 285 people, 2) 345 people, 3) 150 people, 4) 690 people

# M: Data and Statistics - Reading a bar graph



We asked a group of 300 people about their holiday destinations. The bar graph shows the countries that they visited. Use the information to answer the questions.



1) What percentage of the respondents went to USA?

2) What percentage did not go to France?

3) What fraction of the respondents went to China?

4) What is the ratio of respondents that went to India to that of Brazil?

5) How many respondents went to USA?

6) How many respondents went to Asia?

Answer Key: 1) 35%, 2) 80%, 3) 3/20, 4) 2:1, 5) 105 respondents, 6) 105 respondents

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