

Start Tasks



Categories (like flavours or sports) suit a bar graph or pie chart. Change over time suits a line graph. Numbers grouped into intervals suit a histogram.

1. Choose the best display for ice-cream flavour: bar graph or line graph.

2. Choose the best display for monthly temperature: line graph or pie chart.

3. Choose the best display for books read by students: dot plot or histogram.

4. Choose the best display for jersey colours: pie chart or histogram.

5. Choose the best display for scores grouped into 10-mark bands: histogram or pie chart.

6. Choose the best display for weekly seedling height: line graph or bar graph.

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A pictogram uses rows of repeated pictures to show a count. A scatter plot shows the relationship between two numerical variables.

7. Choose the best display for number of siblings: dot plot or line graph.

8. Choose the best display for how students travel to school: bar graph or line graph.

9. Choose the best display for pencil lengths in 2 cm bands: histogram or bar graph.

10. Choose the best display for trophies shown as rows of icons: pictogram or line graph.

11. Which display best shows parts of a whole: pie chart or dot plot?

12. Which display best shows change over time: line graph or pie chart?

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A histogram has no gaps between its bars because the data is a continuous scale; a bar graph has gaps because its categories are separate.

13. Which display shows one dot per small whole-number value: dot plot or histogram?

14. Which display shows grouped data with no gaps: histogram or bar graph?

15. Choose the best display for arm span vs height: scatter plot or pie chart.

16. Which display has gaps between its bars because it shows separate categories: bar graph or histogram?