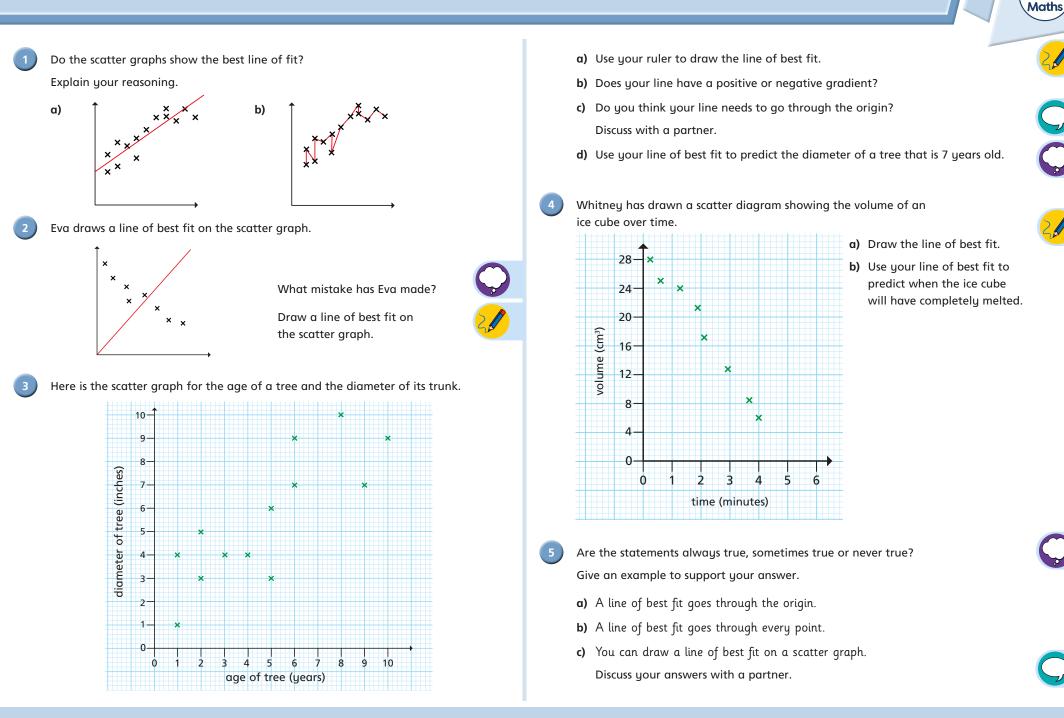
Draw and use line of best fit



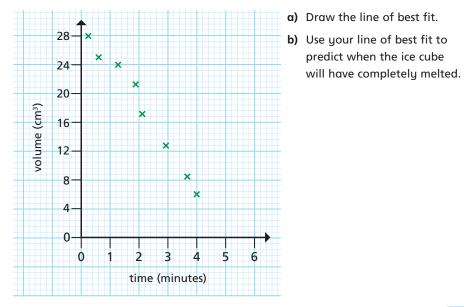
White

Rose

Draw and use line of best fit



- a) Use your ruler to draw the line of best fit.
- **b)** Does your line have a positive or negative gradient?
- c) Do you think your line needs to go through the origin?
 Discuss with a partner.
- d) Use your line of best fit to predict the diameter of a tree that is 7 years old.
- Whitney has drawn a scatter diagram showing the volume of an ice cube over time.



- Are the statements always true, sometimes true or never true? Give an example to support your answer.
- a) A line of best fit goes through the origin.
- **b)** A line of best fit goes through every point.
- c) You can draw a line of best fit on a scatter graph.
 Discuss your answers with a partner.

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a) Which point is the outlier?

b) Give a possible reason for the outlier.