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| **Exploring Circle Graphs** |
| Understands that a circle graph represents data that are parts of one wholeThe sum of the percents is 100. This represents all the students who were surveyed. | Interprets a circle graph to answer questions120 students were surveyed. The number of students with blue eyes is:    25% of 120 = 0.25 × 120 = 30 30 students have blue eyes.  | Determines the central angle for a circle graph25% of the people surveyed chose chocolate as their favourite ice cream flavour.To show this on a circle graph, what would the central angle be? 25% of 360° = 0.25 × 360°= 90° | Constructs a circle graph using the central angle determined for each piece of dataHere are data about favourite ice cream flavours.Chocolate, C: 25%Strawberry, S: 40%Vanilla, V: 20%Other, O:15%Central angles:C: 25% of 360° = 90°S: 40% of 360° = 144°V: 20% of 360° = 72°O: 15% of 360° = 54° |
| **Observations/Documentation** |
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