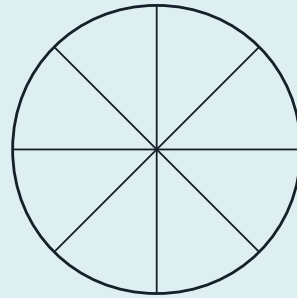


- 1 Start with the sandwich slice of 8 out of 20 pupils.
- 2 Divide 8 by 20 to get the fraction $8/20$.
- 3 Multiply by 100 to turn the fraction into a percentage: $8/20 \times 100 = 40\%$.
- 4 Draw a slice that is 40% of the full circle for sandwiches.

Shade the slices on each circle to match the lunch survey data.



1. Shade 9 out of 12 on the first circle
2. Shade 6 out of 20 on the second circle
3. Shade 4 out of 20 on the third circle

- 1 In a class of 25 pupils, 15 chose sandwiches for lunch. What fraction of the pie chart is this slice?
- 2 In a class of 25 pupils, 9 chose wraps for lunch. What fraction of the pie chart is this slice?
- 3 In a class of 20 pupils, 2 chose soup for lunch. What fraction of the pie chart is this slice?

Always, sometimes or never true? Write A, S or N.

- a. The slices in a pie chart add up to the whole circle.
- b. A slice for 8 out of 20 is exactly half the pie.
- c. A slice for 5 out of 20 is 25% of the pie.
- d. A pie chart slice is bigger than the whole circle.