

Patricia Parker grows potatoes and sells them at her local farmer's market. Last year, she wanted to make a new poster to advertise all the things that people could make with her potatoes. She carried out a survey to find out what her customers' favourite potato foods were. She asked sixty customers and drew this table to record her results. However, she forgot to draw a row for 'bubble and squeak'.

Fortunately, she remembered what she'd done before she drew a pie chart of all her results. Her customers were very impressed by her poster – and they bought more potatoes!

Favourite Potato Dish	Frequency
Boiled	2
Mash	4
Chips	36
Roast	8



Potato pie

Comprehension questions

- How many customers chose 'bubble and squeak'?
 - 60
 - 50
 - 10
- What fraction of the customers chose chips as their favourite?
 - $\frac{3}{10}$
 - $\frac{3}{5}$
 - $\frac{3}{2}$
- What angle did Patricia draw for 'mash' on her pie chart?
 - 4°
 - 12°
 - 24°
- What angle did Patricia draw for 'roast' on her pie chart?
 - 108°
 - 100°
 - 48°
- What proportion of the customers chose 'boiled'?
 - $\frac{1}{30}$
 - $\frac{1}{50}$
 - $\frac{1}{60}$
- What percentage of the pie chart is 'chips'?
 - 18%
 - 60%
 - 7%