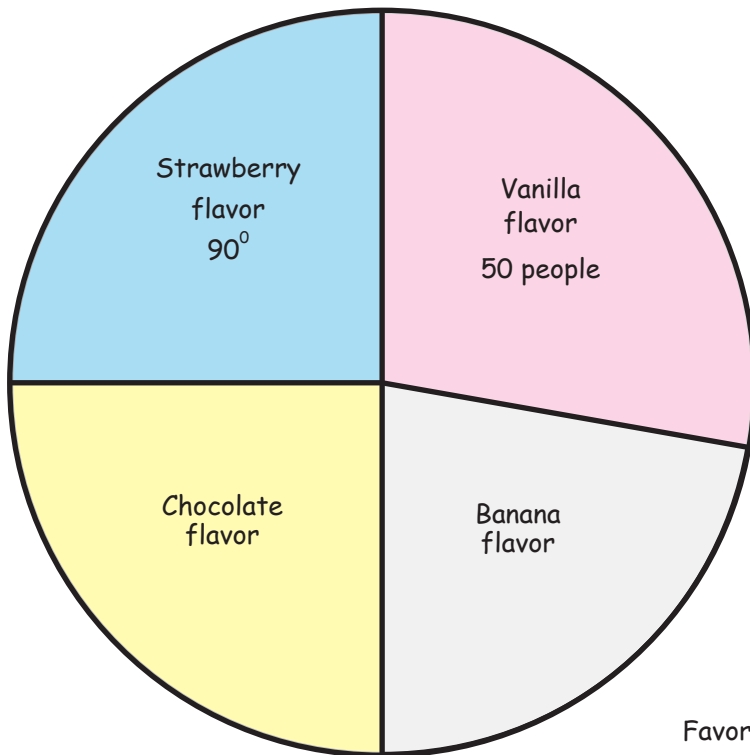


Favorite Ice Cream Pie Graph

Name: _____ Score: _____

We asked a group of people about their favorite ice-cream flavor and made a pie graph with their answers. Measure the angles of the circle parts and use it to answer the questions. **All angles are multiples of 10.**

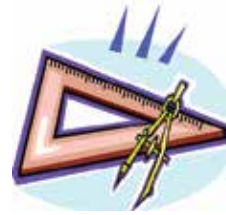
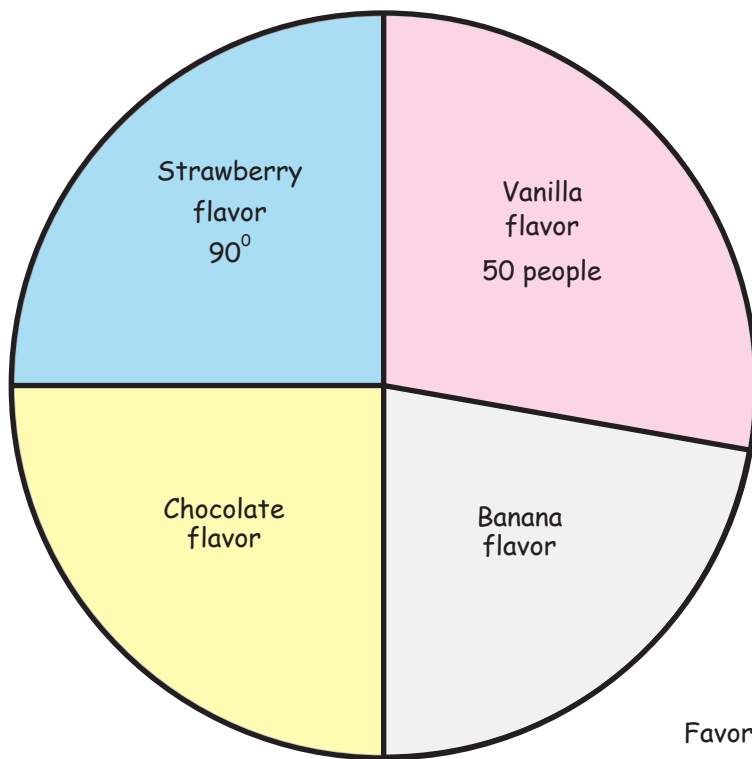


Favorite Ice-cream flavors

- 1) How big is the angle of the Banana flavor part?
- 2) How big is the angle of the Vanilla flavor part?
- 3) How big is the angle of the Chocolate flavor part?
- 4) What fraction of the people love strawberry ice-cream the most?
- 5) What is the ratio of people who prefer banana to strawberry ice-cream?
- 6) How many people were asked about their favorite ice-cream?

Answers

We asked a group of people about their favorite ice-cream flavor and made a pie graph with their answers. Measure the angles of the circle parts and use it to answer the questions. **All angles are multiples of 10.**



Favorite Ice-cream flavors

- 1) How big is the angle of the Banana flavor part?
 80°
- 2) How big is the angle of the Vanilla flavor part?
100%
- 3) How big is the angle of the Chocolate flavor part?
 90°
- 4) What fraction of the people love strawberry ice-cream the most?
25%
- 5) What is the ratio of people who prefer banana to strawberry ice-cream?
8 : 9
- 6) How many people were asked about their favorite ice-cream?
180 people