Make a Circle Graph

Solve.

1. The circle graph shows percents of customers who buy cookies, cakes, and pies at Betty’s Cookie Bakery. Did more customers buy cakes or pies?

2. Last week, Betty had a total of 500 customers. Use the percents in the circle graph to tell how many customers bought cookies. Hint: Find 65% of 500.

3. Sam surveyed his friends and found that 75% of them liked to wear jeans to school, 15% liked to wear cargo pants, and 10% liked to wear dresses. If he surveyed 20 people, how many liked to wear cargo pants?

4. If you were going to make a circle graph for the percents in Problem 3, what would the number of degrees be for each section?

5. In the election for math team treasurer, Carol got about 60% of the votes, Jose got about 20%, Kate got about 15%, and James got about 5%. If 42 people voted, about how many more votes did Carol get than James?

6. The math team also voted for a mascot. Of the 42 voters, 16 wanted a bulldog, 12 wanted a bobcat, 8 wanted a polar bear, 5 wanted a raccoon, and 1 wanted a hamster. About what percent wanted each mascot? Round to the nearest percent.