

Interpreting Pie or Circle Graphs - Guided Lesson Explanation**Explanation#1**

- a) The largest chunk of the pie is dedicated to Hockey.
- b) Volleyball and Tennis have equal slices (15%) so they are equal.
- c) We are looking for 2 slices that equal $\frac{1}{2}$ (50%) or more of the pie.

Hockey and football make up exactly half of the pie.

- d) We know that Hockey accounts for most of the pie. We need to find the second biggest slice. The answer is Cricket at 25%.

Explanation#2

- a) Look for the smallest slices. In this case both Pastries and Sandwiches account for 15% (the smallest slices).

- b) This is a simple look up. Noodles are listed at 20%.

- c) Ice cream accounted for 20% of the sales. If we sold 200 items that would be equal to:

$$200 \times 0.20 \text{ (20\% as a decimal)} = 40 \text{ items}$$

- d) See the graph and count the number of Sandwiches and Pastries
 $15\% + 15\% = 30\%$. Then see which one is same. Pizza is also 30%.

Explanation#3

- a) Look for the largest slice, in this case Jasmine and Roses account for the largest orders.

- b) Just a quick look at Roses and we see 30.

- c) We see that she ordered 20 Lilies.

- d) Add all the flowers:

$$30 + 10 + 30 + 20 + 10 = 100 \text{ flowers.}$$

