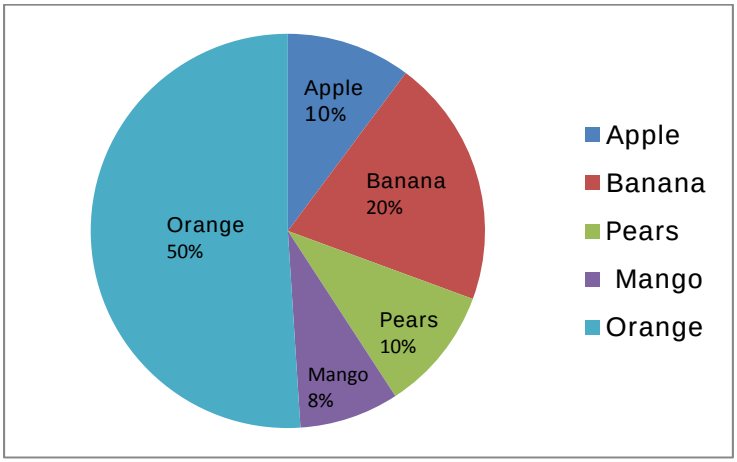
Name _____ Date _____

Interpreting Pie or Circle Graphs - Step-by-Step Lesson

Students took a can of mixed fruits and counted the types of different Fruits in the mix. When they were done counting, they created the pie chart below.



a. Which fruit is found the most in the fruit mix?
b. Which two fruits account for the same amount in the mix?
c. The number of apples and pears found in a can of mixed fruits are equal to number of which other type of fruit?
d. If there are 50% oranges in a can of mixed Fruits, how many mangos are there?

Explanation:

a) As you can see the biggest slice of the pie is for oranges (50%).

b) We are looking for two slices that are the same size (percentage). Apples and pears take up the same amount of room.

c) When we add the apples and pears they account for 20% of the mix.

10% + 10% = 20%

We look to see what other fruit takes up 20% of the mix. Bananas take up 20% of the mix.

d) This is a proportion problem. We know that the ratio shown in the graph is: 50% oranges to 8% mangos.

Since we are given the proportion of 50% of oranges it directly relates to the chart and mangos are 8%