Grade: 4   **Category:** Division   **Sub Category**- Mixed operations word problems   **Worksheet #:** 20 Q

1) On Tuesday, Jessica answered 45 phone calls and Kenny answered 12 more callsthan Jessica did. How many calls were answered in total?

2) The center is open for 11 hours each day. Each party takes 3 hours. What is the maximum number of parties the center can host in a day?

3) There is a limit of 85 children in the indoor playground. If there are 47children playingin the playground, how many more children can the staff let in?

4) The first customer came in and bought 2 dozen donuts and 6 croissants. How manycroissants were left?

5) There are 8 different flavours of donuts and there are same numbers of donuts for each flavour. How many donuts are there for each flavour?

6) If the center hosts the maximum number of parties, how much time is left to clean each party room between parties?

1) On Tuesday, Jessica answered 45 phone calls and Kenny answered 12 more calls than Jessica did. How many calls were answered in total?
   Answer:- 45 + 12 = 57. They answered 57 calls in total.

2) The center is open for 11 hours each day. Each party takes 3 hours. What is the maximum number of parties the center can host in a day?
   Answer:- 11 ÷ 3 = 3 remainder. 2 Each room can host 3 parties each day.
   3 x 4 = 12 .The center can host up to 12 parties in a day.

3) There is a limit of 85 children in the indoor playground. If there are 47children playing in the playground, how many more children can the staff let in?
   Answer:- 85 – 47 = 38. The staff can let in 38 more children.

4) The first customer came in and bought 2 dozen donuts and 6 croissants. How many croissants were left?

Answer:- 24 – 6 = 174. There were 18 croissants left.

5) There are 8 different flavours of donuts and there are same numbers of donuts for each flavour. How many donuts are there for each flavour?

Answer:- 160 ÷ 8 = 20. There were 20 donuts for each flavour.

6) If the center hosts the maximum number of parties, how much time is left to clean each party room between parties?

Answer:- Each room will host 3 parties, each lasting 3 hours. Total party time 3 x 3 = 9 hours Total time the center is open = 11 hours Time left for cleaning = 11 hours – 9 hours = 2 hours = 120 minutes. Time left after each party = 120 / 3 = 40 minutes/party.