4

31. A cake recipe uses 150g. sugar in 400g. of flour. Find the ratio of :

i) Sugar to flour ii) Flour to sugar

iii) Sugar to the amount of sugar and flour.

32. Ratan bought 10 dozen oranges at 40 a dozen. He sold half of them at 5 per orange. By now 6

oranges had rotted. Ratan sells the remaining oranges at 3 each. Find loss or gain percentage.

OR

In an election there are two candidates A and B. The total numbers of voters is 60,000 and 80% of the

total votes were polled. If 60% of the polled votes were cast in favour of A. How many votes were polled

in favour of B.

33. Find the value of the unknown angle in each of the following.

34. Following are the number of members in 20 families in a village.

6, 8, 6, 3, 2, 5, 7, 8, 6, 5, 5, 7, 7, 8, 6, 6, 7, 7, 6, 5

i) What is the smallest family size?

ii) How many families are of the smallest size?

iii) What is the mode of given data?

--- 0 ---

M N

P

Q

***x***

790

83 840 0

Q R

P S

820

680 2*x*