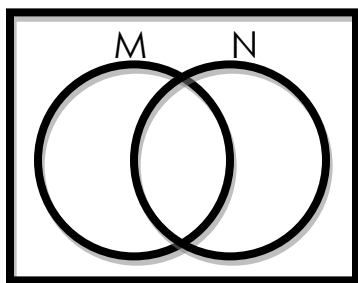


### ROAD TO SUCCESS SET THREE

#### 2MARKS EACH

1. Shade  $(M \cap N)'$  in the venn diagram below.



2. simplify:  $\frac{3}{4} - \frac{1}{8} + \frac{1}{3}$
3. Express 300g to kilogrammes.
4. Change  $123_{\text{five}}$  to a binary base.
5. The L.C.M of two numbers is 36 and their G.C.F is 3.If the first number is 9.Find the second number.
6. Express 425 in scientific notation.
7. Express 37.52 in standard form.
8. An English lesson started at 11:20am and ended at 12:10pm.  
How long was the lesson?
9. Mary started her journey to school at 7:40am and reached at 8:20am.How long was her journey?
10. A forty minute lesson ended at 9:20am.  
At what time did it start?
11. Express CDXCIX in words.
12. Find the quotient of the value of 8 and the place value 5 in the numeral 3842.75
13. A factory produces 34709 trays of eggs every week.  
How many eggs will the same factory produce in 35 weeks?
14. At a birthday party Joseph bought 168 bottles of soda.  
How many crates of soda did he buy?
15. Find the value of 4 in  $425_{\text{eight}}$

16. Express  $212_{\text{three}}$  as a denary base .
17. In a village of 25780 people, each person got 6 mosquito nets.  
How many mosquito nets were given out in that village altogether?
18. Use distributive property to work out:  $(65 \div 5) + (5 \div 35)$
19. Work out :  $391 \div 23$  using algorithm.
20. Simplify: 
$$\frac{a^3 \times a^2}{a^7}$$

**END**