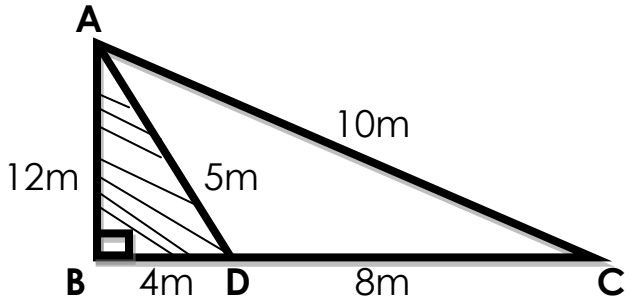
ROAD TO SUCCESS SET TWO

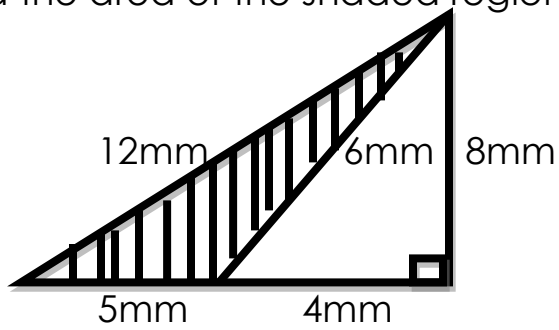
2MARKS EACH

1. Write 40094 in words.
2. Find the sum of the next numbers in the sequence:
   2, 3, 5, 7, ….. , ……
3. Simplify: $^{-}$**5 - $^{-}$2**
4. Simplify: $^{+}$4 + $^{-}$4
5. Change 50cm to metres.
6. If represents 6 balls. How many pictures can represent 42 balls?
7. Given that Q={m,e,a,t}.Calculate the number of subsets in Q.
8. If set P has 15 proper subsets, find n(P).
9. Study the diagram below and use it to answer the questions that follow.



   a) Find the area of the un-shaded region. (1mark)
   b) Find the total distance round the figure ABC. (1mark)
10. Simplify: 18 – (4 x 3) +6
11. Work out: 49 ÷ 7
12. Solve : 2m - 6 = 12
13. Change :7000m to km
14. If today is Friday, what day of the week was 17 days ago?
15. If today is Wednesday, what day of the week will be after 24 days?
16. Find the next numbers in the sequence:**1, 3, 6, 10, ….., ……**
17. Round off 0.345 to the nearest tenth.

18. Simplify: $^{-}9 + {}^{-}9$
19. A mathematics lesson started at 9:40am.
    If the lesson took 40 minutes, at what time did it end?
20. Find the area of the shaded region in the figure below:



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