Time: 2 hours

<u>SECTION A</u>   [25 MARKS]

Answer <u>all</u> questions in this section.

1. Find the sum of 0,003 ; 2 and 0,1.   [2]
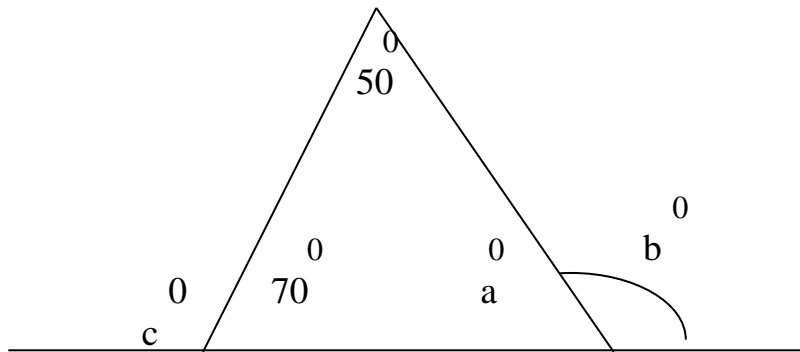
2. What is $\dfrac{2}{3}$ of 8 hours 3 minutes?   [3]

3. (a) $2\dfrac{2}{5} \times 1\dfrac{2}{3}$ =   [2]

    (b) The sum of 3^2 and 5^2 is   [2]

4. The perimeter of a square field is 84m. What is the length of one of the sides   [3]

5.

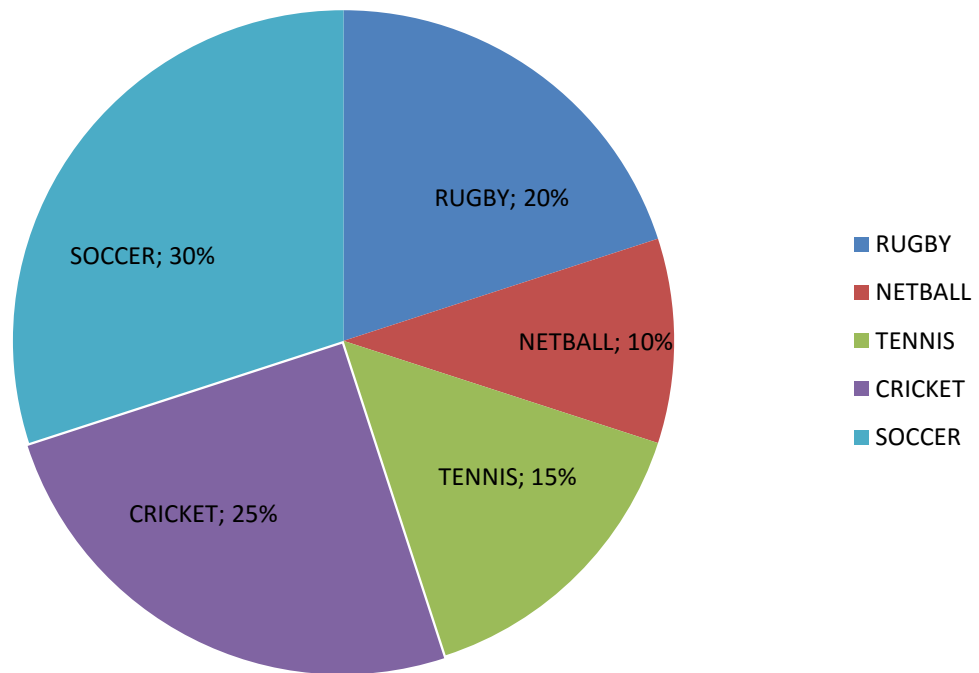   Calculate the angle marked b°   [2]

6. A dove took 2 hours to fly from its nest to a river 60km away. What was its average speed?   [3]

7. The cost of a new bicycle is $50. If the buyer sells the bicycle for $60, what is the percentage profit?   [3]

8. The pie chart below shows sports played at RG School.

SPORTS PLAYED AT RG MUGABE SCHOOL

(a) What is the most popular sport?   [1]

(b) Express pupils who like cricket as a fraction in its lowest terms.   [2]

(c) If there are 300 pupils at the school. How many pupils play tennis?[2]

SECTION B [15 marks]

There are five questions in this section. Answer any <u>three</u> questions from this section.

9. A car covered a journey in 6 hours. It was travelling at 120km/hr.
    (a) What distance was covered by the car?   [2]

    (b) What time would the same car take to cover the same distance
    travelling at 60km/hr?   [3]

10. A water tank held 800 litres of water. ¾ of the water was used for
    irrigation.

    (a) How many litres of water were used for irrigation?   [2]

    (b) If ½ of the water that remained in the tank was lost due to leaking.
    How many liters remained in the tank.   [3]

11. Peter woke up at 3:05am. He read a History book for 1hr 15min ,
    a Shona novel for 30min, then he worked on his Mathematics for
    2hrs 25min.

    (a) At what time did he finish reading the Shona novel?   [2]

    (b) At what time did he finish working Mathematics?   [3]

12. Anesuishe, Tawananyasha and Anotidaishe decided to start a
    project of selling second hand goods. Anesuishe contributed
    $250 000, Tawananyasha $750 000 and Anotidaishe $500 000
    to start the project.
    (a) In what ratio should they share the profits?   [2]

    (b) If a profit of $480 000 was made, how much should each get?[3]

    13. Mr Dziva bought a radio on credit. He paid a deposit of $750 and
    made 6 monthly installments of $400.

    (a) How much did the radio cost him?   [2]

    (b) The cash price for the radio was $2 800. How much would he
    have saved if he had paid cash?   [3]