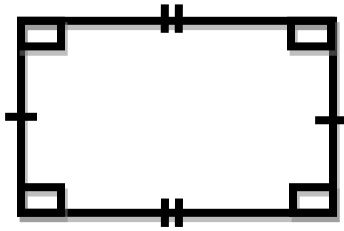# ROAD TO SUCCESS SET FIVE

(2MARKS @)

1. A cyclist moved a distance of 90km in 36 minutes.
   Calculate the cyclists' average speed.
2. A school van travelled from Namugongo to Mukono at an average speed of 90km/hr for 210 minutes.
   How far is from Mukono to Namugongo in kilometers?
3. The distance from Kampala to Jinja is 150km. If a bus moved at a speed of 100km for every hour .Find the time the bus took to move from Kampala to Jinja in minutes.
4. Express 0.0000694 in scientific notation.
5. Express 8.7 in standard form.
6. Find the numeral whose scientific notation is 3.62×10^{-3}.
7. Kiprimo ran a distance of 15 metres for every 3 seconds in the Olympic games.
   Calculate the speed he used in km/hr.
8. A Chita ran for a distance of 20 metres in 4 seconds.
   Calculate the chita's average speed.
9. A group of 15 pilgrims walked a journey of 100 metres in 40 seconds.
   At what speed were they walking in kilometer per hour?
10. Convert $2\frac{1}{2}$ metres per second to km/hr.
11. It is 180km from Kampala to Entebbe airport. A driver covered the journey at a speed of 60km/hr. If the driver reached Entebbe at 12:15pm, at what time did he leave Kampala?
12. A driver travelled a journey of 180km at an average speed of 150km/hr. How many minutes did he take to cover that journey?
13. The diameter of a tin is 35mm.Find the circumference of the tin.
    ($Take\ \pi\ as\ \frac{22}{7}$)
14. The radius of a circular field is 14m.Calculate the total distance round the field. ($use\ \pi\ as\ \frac{22}{7}$).

15. Nzikulu ran round a circular field thrice. If the diameter of the field was 10 metres. Calculate the total distance she covered.
    (*use* π *as* 3.14)

16. At Mulokole's shop, the cost of 4 liters of cooking oil is sh.16,800.
    Nubrah paid sh.37,800 to the shopkeeper for cooking oil.
    How many litres of cooking oil did the shopkeeper sell to Nubrah?

17. Show the lines of folding symmetry for the figure below.

18. The bus fare from Kampala to Masaka is sh.15,000.If the fare decreased in the ratio of 3:4 .Find the new bus fare from Kampala to Masaka.

19. Subtract $2\frac{1}{5}$ from $5\frac{2}{3}$

20. Jimmy bought $1\frac{1}{2}$kg of salt. He packed all the salt in small sackets of 250g. How many small sackets did he get from all the salt?

END