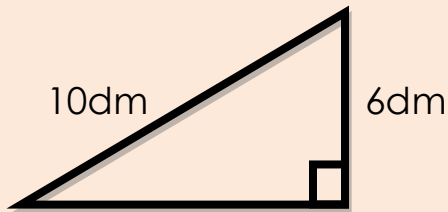


ROAD TO SUCCESS SET SEVEN

SECTION A

(20 MARKS)

1. Work out: $423_{five} \times 3_{five}$.
2. Simplify: $-3 - +2 - -7$
3. Find the product of the value of 3 and the place value of 9 in the numeral 37.492
4. Express 0.00479 as a standard form.
5. Find the circumference of a semi-circle whose diameter is 28cm.
6. A taxi left Kampala Old taxi park for Mattugga at 11:30 pm driving at a speed of 90 km/hr. If the distance from Kampala Old taxi park to Mattugga is 60km.
At what time did the taxi reach Mattugga?
7. Find the total distance round the figure below.



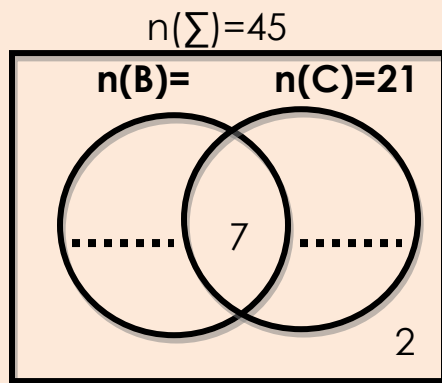
8. Share 108 pens among 12 children. How many pens will each child get?
9. The cost of 6 litres of milk at a certain dairy farm is sh.10,800.
How many litres of milk will Mr. Byamukama buy with sh.16,200?
10. A business man bought a cock at sh.50,000 and later sold it at a sh.30,000. At what percentage loss did the business man sell the cock?

SECTION B**(30 MARKS)**

11. In a class of 45 pupils, 21 pupils like chicken (C), 14 like beef (B), 7 pupils like both beef and chicken while 2 don't like any of the two sauces.

a). Complete the venn diagram below.

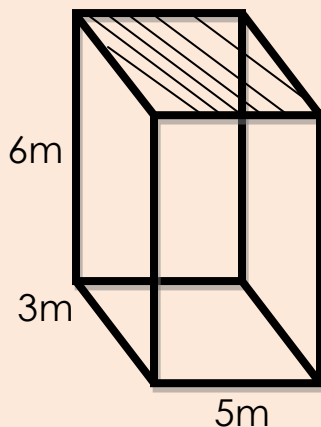
(2 marks)



b). How many pupils like beef only?

(3marks)

12. The diagram below is of an open cuboid. Study it carefully and use it to answer the questions that follow.



a) Find the area of the top cover which was removed .

(2 marks)

b) Find the sum of the area of all the faces of the cuboid.

(3marks)

13. a) Work out: $\frac{3}{5} \times (\frac{3}{4} - \frac{1}{3}) \div \frac{5}{6}$ (2 marks)

b) Work out : $\frac{0.24 \times 0.3}{0.06}$ (3 marks)

c) Reduce $\frac{10}{18}$ to the lowest term. (1mark)

14. Tumusiime remained with sh.15,800 after buying the items shown in the table below.

Item	Price	Total cost
3kg of rice	Sh.2,400 per kg	Sh.....
5kg of sugar	Sh.....per kg	Sh.15,000
.....litres of c.oil	Sh.8,000 per litre	Sh.12,000
	Total Expenditure	Sh.....

a) Complete the table above (1mark@)

b) How much money had Tumusiime before buying the above items? (2marks)

15. Josephine is 3 years younger than Jolly.
Justine is thrice as old as Josephine. If Justine is 18 years old,
How old is Josephine? (4marks)

16. Hannah borrowed sh.40,000 from a villge SACCO which gives a rate of 8% per year for 6months. (2marks)

a) Calculate the simple interest she paid at the end of 6 months.

b) How much did she pay back to the village SACCO at the end of 6 months? (2marks)

END

