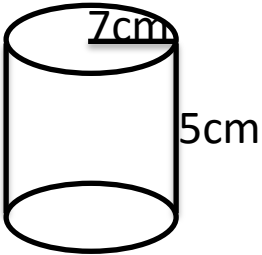
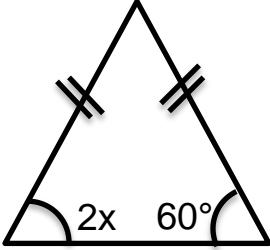
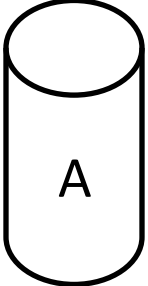



1.	Work out: $9 - 15 + 6$	2.	Set P { a , b , c , d } . Find the number of proper sub sets.
3	<p>Calculate the surface area of a hollow cylinder of radius 7cm and height 5cm. (Use $\pi = 22/7$)</p>  <p>The diagram shows a 3D representation of a hollow cylinder. A horizontal line segment at the top edge indicates the radius, labeled '7cm'. A vertical line segment on the right side indicates the height, labeled '5cm'.</p>	4.	Express 6845 in scientific form.
5.	Write in words: 0.125	6.	Write LXXV in Hindu Arabic system
7.	Solve: $5(y + 1) - 3 (y - 1) = 14$	8.	4 buses carried y passengers each. Altogether each. Altogether they carried 320 passengers. How many passengers did each bus carry?

9	Work out: $-2y + 2y$	10	Find the value of x . 
11	Express 1330 hours as p.m	12	A tourist arrived in Uganda with £=7650. The exchange rate of £=Ugshs 2500. How much money in Uganda shillings did he have?
13	A car takes $2\frac{1}{2}$ to a cover a journey at a speed of 40km/hr. Find the distance travelled.	14.	The perimeter of the rectangle is 24cm and the width is 5cm. Find the length of the rectangle.
15	The mean of 2 , 4 , 5 , 6 and q is 5. Find the value of q.	16	Work out: $3 \times 4 = \underline{\text{X}}$ (finite 5)

17	Using a ruler , a pencil , a pair of compasses and a protractor construct an angle of 75°		
18	Kelvin has a stride of 40cm and his father has a stride of 60cm. What is the narrowest path that they can both cross in a whole number stride?	19	Find the next number in the sequence: 22,16,20,14,18,_____ , _____
20	Express 40cm to 2m as a ratio		

		b)	If it used a speed of 80km/hr from Kampala to Masaka. Find the speed it used while returning.
24	<p>Jesca filled container A below with Juice. She filled the juice in 2 litre bottles of size B as shown below.</p> <div>   <div> 2litres B </div> </div>	a)	Find the volume of container A .
b)	Find the total number of bottles of juice she filled		
25	A trader bought a dress at Shs.1600 and sold it at Shs.2000.Find the profit a trader made after selling a dress		

b)	Work out the percentage profit.	26	The ratio of sharing 24 goats by A , B and C is 2:3:7. If B got 6 goats how many goats did each of the rest get.
b)	How many more goats did C get more than A?		
27. Construct triangle XYZ where the side XY=8cm, YZ=9cm and XZ = 4cm			

28.	The table below shows the results of a mathematics test done by some pupils. Study it well.	b)	Find the modal mark										
	<table><tr><td>Mark</td><td>60</td><td>80</td><td>90</td><td>45</td></tr><tr><td>Pupils</td><td>2</td><td>1</td><td>3</td><td>4</td></tr></table>	Mark	60	80	90	45	Pupils	2	1	3	4	c)	Calculate the mean mark
	Mark	60	80	90	45								
Pupils	2	1	3	4									
a)	How many pupils did the test?												

29. A mother went to the shop and bought the following items as shown below
Complete the blank spaces below.

item	Quantity	Unit cost	Total cost
Sugar	4kg	Shs.4000 per kg	Shs.....
	Shs.4200 per kg	Shs.12600
	500gm	Shs.....	Shs.1200
		Total expenses	Shs.....

b) How much did she pay if she was given a discount of 10% on his bill?

30. What is 6 in base five?

b

Given that $34_n = 112$ four .Find n

31. A worker was given a task of carrying 76 books from the store library. Every Trip, he carried 4 less books than the previous trip. If he made four trips , How many books did he carry in the first two trips? (05makrks)

32. The sum of the values of the table below is the same vertically, horizonatally and diagonally.Use it to find the unknown values. (05marks)

<i>d</i>	<i>c</i>	<i>28</i>	<i>17</i>
<i>25</i>	<i>20</i>	<i>19</i>	<i>b</i>
<i>e</i>	<i>24</i>	<i>23</i>	<i>18</i>
<i>26</i>	<i>15</i>	<i>a</i>	<i>29</i>