MINISTRY OF EDUCATION, SIENCE, TECHNOLOGY AND VOCATIONAL TRAINING
THEMI HILL PRE/PRIMARY SCHOOL
HOME PACKAGE
MATHEMATICS GRADE VII

NAME_____STREAM_____ DATE_____

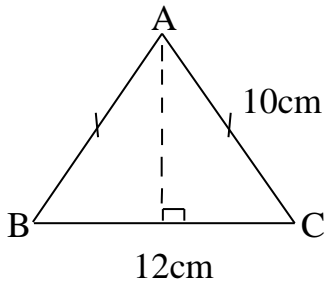**TIME: 1.30 HOURS**

NSTRUCTION

- You have 50 questions
- Read each question carefully and work out as instructed in each question.
- Write your correct answer in the space provided

S/N	QUESTION	WORK SPACE	ANSWER
1.	$23774 + 778 =$		
2.	$1064 - 999 =$		
3.	$203 \times 30 =$		
4.	$1395 \div 93 =$		
5.	$2\,^2/_5 + 4\,^3/_5 =$		
6.	$4\,^4/_5 - 3\frac{1}{4} =$		
7.	$3^1/_4 \times 1\,^1/_3 =$		
8.	$5\,^2/_3 \div 1\,^5/_{12} =$		
9.	$8.25 + 1.962 =$		
10.	$10.01 - 4.991 =$		
11.	$11.6 \times 1.01 =$		

12.	21.42 ÷ 0.06 =		
13.	Change 2 $^2/_5$ into percentage		
14.	Change $^1/_8$ into a decimal		
15.	Write 0.45 as a simple fraction		
16.	Multiply 10kg 250gm by 4		
17.	Write MCMLXXXVIII in Arabic numerals		
18.	Find the square of 56		
19.	Find $\sqrt{1764}$		
20.	Find the HCF of 16, 24 and 48		
21.	List all prime numbers between 80 and 92		
22.	Find the LCM of 14, 20 and 35		
23.	List all odd numbers between 290 and 297		
24.	List all even numbers between 450 and 458		
25.	Write the next number in this series: 2,5,10,17, 26,_____		
26.	The average of 3 numbers is 47. Find the third numbers if two among the numbers are 39 and 60.		
27.	If 5 :8 = Q:40, find Q		
28.	4x-8 = 2+ 2x; find x		
29.	If a = 1, b= -2, find the value of $\dfrac{a^2 + b^2 - 2}{b^2 - a}$		

30.	Simplify. $\dfrac{St^2 + s^2t}{s + t}$		
31.	 Find the area of triangle ABC.		
32.	 Find the value of w		
33.	 Find the value of a		
34.	 Find the perimeter of triangle ADE		
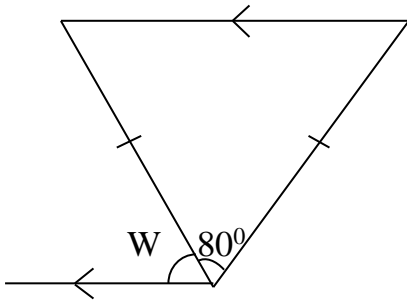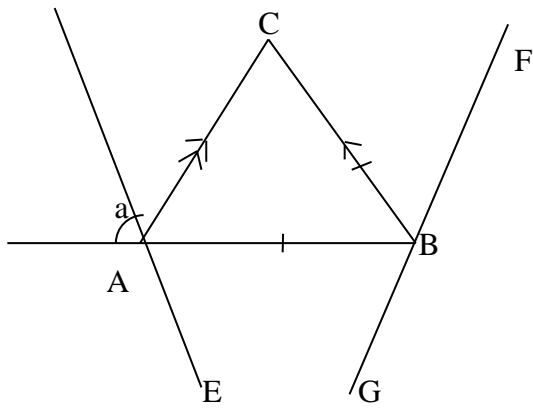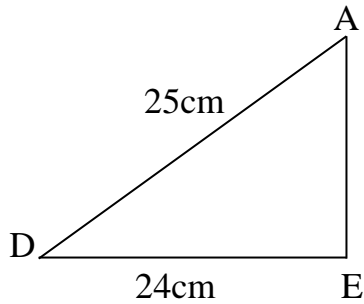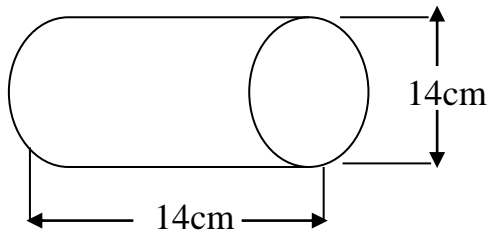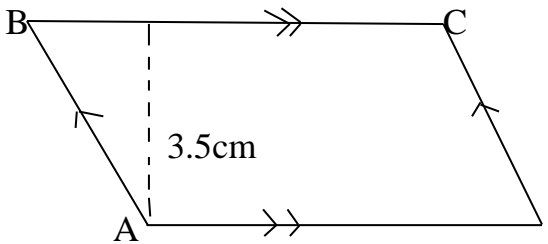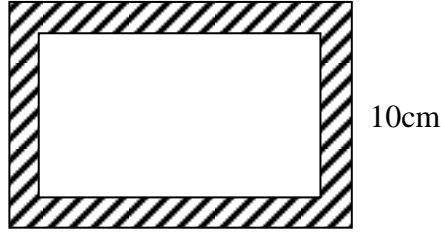
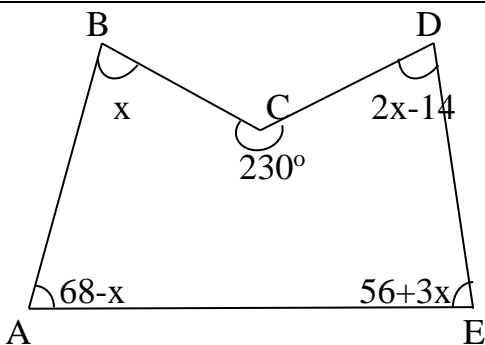|			
35.	 14cm 14cm IF $\pi\frac{22}{7}$, find the volume of this cylinder		
36.	The area of a rectangle is 36cm2. If its width us 4.5 cm. find its perimeter.		
37.	 3.5cm The area of the parallelogram ABCS is 21cm2; find the length $\overline{BC}$		
38.	 10cm 10cm Find the area of the shaded region if the path between the two squares is 3cm		
39.	The circumference of a circle is 44cm, find its area if $\pi = \frac{22}{7}$		
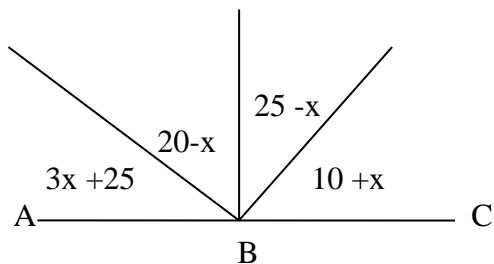
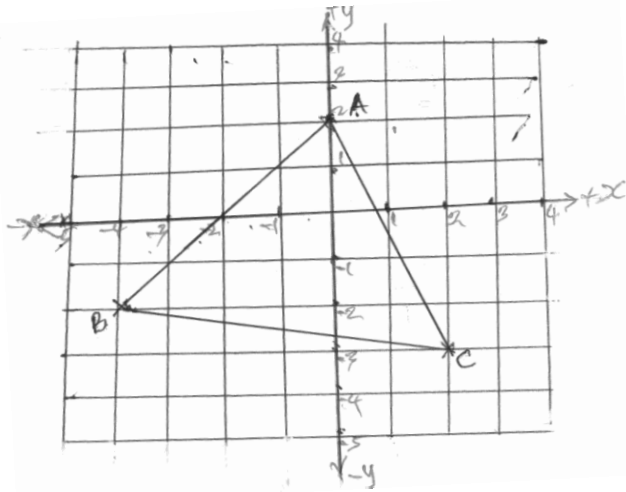|			
40.	If ABC is a straight line, find the value of x		
41.	Six people dig a Shamba of 5 acres in 5 days. How many days will 10 people take to finish the work?		
42.	ABCDE is a pentagon. Find the value of x		
43.	Bahati deposited sh. 800/= in a bank which offers an interest rate of 8% per annum. If she got an interest of sh. 128, how long did the money stay in the bank?		
44.	Mr. Amani distributes sh. 2800/= to Juma, Hamisi and Salum in the ratio of 0.4, 0.2 and 0.4. what did Salum get?		
45.	Bakari travelled from Bungoli to Mashati from 7:00p.m to 6:00am by bus. If he travelled at a speed of 60kph calculate the distance from Bungoli to Mashati		
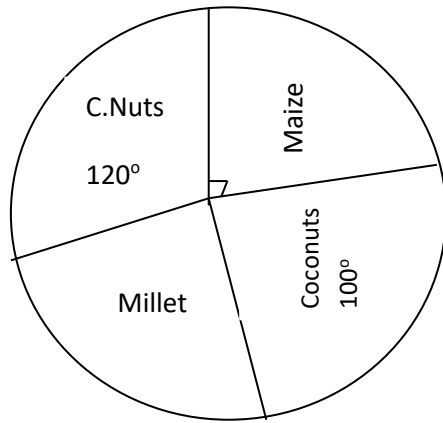
46.	Chang'ombe village got sh. 180,000/= from selling crops as shown in the pie chart above. What did the village get from selling millet?		
47.	write the coordinates of point C		
48.	The cost of sending a telegram of 40 words is sh. 24/= if the cost of the first ten words is sh. 12/= . find the cost of each extra word.		
49.	The age of Amina is 3times the age of Tatu. 4 years ago their total age was 20 years. Find the present age of Amina		
50.	Maria bought 4docen erasers at ash 3/= per eraser, 3meters of cloth @sh 22/= and a crate of soda at sh 10/= per soda. How much did she pay if a crate of soda has 24 bottles?		