



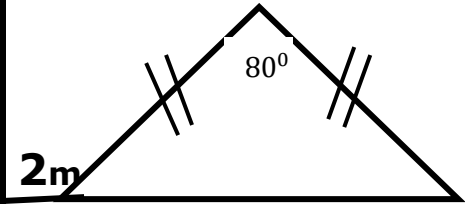
THE PEARL BRAIN TWISTERS 2024

NAME:.....CLASS.....P.7

SCHOOL:.....SUB.... MATH

SECTION A(30 MARKS)

1.	Calculate the sum of all the prime numbers less than 10.	2.	Convert 32_{ten} to binary base
3.	Decrease 56kgs of sugar in the ratio of 3 : 4.	4.	How many subsets are in $n = \{ a, b, c \}$

5.	<p>Find the value of m in the figure below.</p> 	6.	<p>Sarah is ($x - 5$) year old. She is 3 year younger than Nashim. How old is Nashim?</p>
7.	<p>Write these integers in descending order: -2, 3, 0, -1, -3.</p>	8.	<p>Calculate the area of perimeter is 28cm</p>
9.	<p>Solve $-3 + 2h = 17$</p>	10.	<p>Write 0.0239 in standard form.</p>

11.	Pupils were standing in a line such that Namubiru was the 10th from the right and the 11th from the left. How many pupils were in the line?		
12.	Express 800g as a percentage of 2000kg.	13.	The bearing of town A from town B is 240° . What is the bearing of town B from A
14.	Convert $\frac{131}{13}$ to mixed fraction.	15.	Use distributive property to work out: $(\frac{1}{4} \times 40) - (20 \times \frac{1}{4})$

