

**CREATIVE PRINTERS
END OF YEAR EXAMINATION 2023**

PRIMARY THREE

MATHEMATICS

Time Allowed: 2 hours 30 minutes

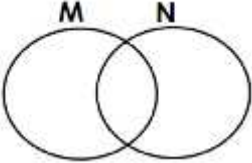
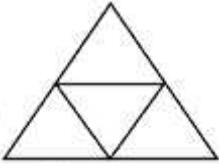
For Examiner's use only	
A	
B	
TOTAL	



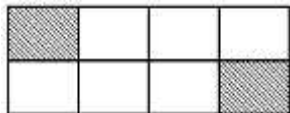
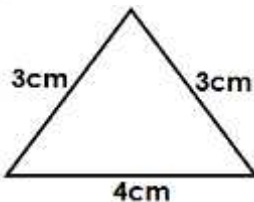


Name: _____

School: _____

Class: _____

SECTION : A. (40 Marks).

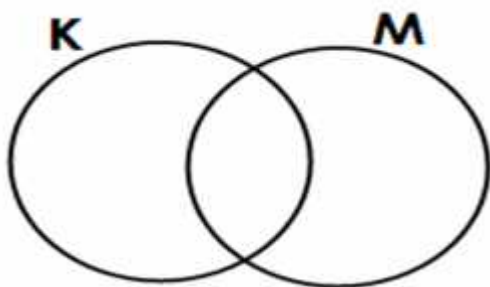
1.	Add: $6 + 4 =$	2.	Write "Two hundred twenty two" in figures.
3.	Shade M U N 	4.	Write XII in Hindu Arabic numerals.
5.	How many triangles are there? 	6.	Divide: $2 \overline{)24}$
7.	Expand 284.	8.	Subtract : $\frac{3}{5} - \frac{1}{5}$

9.	Name the set symbol below.  _____	10.	Tell the time.  It is _____															
11.	Find the next number in the sequence. 0, 3, 6, 9, 12, _____	12.	If 1 year has 12 months. How many months are there in 3 years?															
13.	Set $K = \{j, o, s, e, p, h\}$. Find $n(K)$	14.	Work out: 3 threes + 3 =															
15.	Add: <table><tr><td></td><td>Hrs</td><td>Min</td></tr><tr><td></td><td>3</td><td>25</td></tr><tr><td>+</td><td>1</td><td>15</td></tr><tr><td colspan="3"><hr/></td></tr><tr><td colspan="3"><hr/></td></tr></table>		Hrs	Min		3	25	+	1	15	<hr/>			<hr/>			16.	Write "Two thirds" in figures.
	Hrs	Min																
	3	25																
+	1	15																
<hr/>																		
<hr/>																		
17.	Subtract : <table><tr><td>8</td><td>8</td></tr><tr><td>-</td><td>26</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><hr/></td></tr></table>	8	8	-	26	<hr/>		<hr/>		18.	Name the shaded fraction. 							
8	8																	
-	26																	
<hr/>																		
<hr/>																		
19.	Find the perimeter of the triangle below. 	20.	 = 10 balls.  = _____ balls.															

SECTION B (60 MARKS)

21. Set $K = \{0, 1, 2, 3, 4\}$
Set $M = \{0, 4, 5, 6\}$

a) Show the above information on a Venn diagram. (3 mks)



b) $K \cup M =$ (1mk)

c) Find $n(K \cap M)$ (1mk)

22. Use +, -, ÷ or x to complete correctly.

a) $5 \quad \underline{\hspace{2cm}} \quad 5 = 0$

b) $5 \quad \underline{\hspace{2cm}} \quad 5 = 1$

c) $5 \quad \underline{\hspace{2cm}} \quad 5 = 10$

d) $5 \quad \underline{\hspace{2cm}} \quad 5 = 25$

23. a) Name the shapes.

i)



(2mks)

ii)



(2mks)

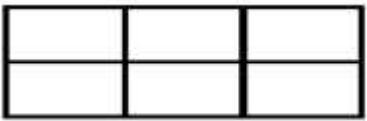
b) How many sides has a square?
(1mk)

24. Work out :

i)
$$\begin{array}{r} 1 \quad 2 \quad 3 \\ \times \quad \quad 2 \\ \hline \end{array}$$
 (1mk)

ii)
$$\begin{array}{r} 8 \quad 0 \\ - \quad 5 \quad 4 \\ \hline \end{array}$$
 (1 mk)

b) Share 36 pencils equally among 3 girls. How many pencils does each girl get?
(1mk)

25.	<p>a) In the figure below, shade $\frac{2}{6}$. (1mk)</p>  <p>b) What fraction is unshaded? (1mk)</p> <p>c) Subtract the shaded fraction from the unshaded. (2mks)</p>	26.	<p>Work out: (2mks @)</p> <p>a) $m + 3 = 8$.</p> <p>b) <input type="text"/> $\times 2 = 10$</p> <p>c) $9 - c = 4$</p>
27.	<p><u>Use >, < or = to complete correctly.</u> (1mk @)</p> <p>a) $2 + 3$ _____ 2×3</p> <p>b) 1 metre _____ 100cm</p> <p>c) $\frac{1}{2}$ _____ $\frac{1}{4}$</p> <p>d) $10 \div 2$ _____ $10 - 2$.</p>	28.	<p>30. Work out;</p> <p>a) 2 two + 2 = (4mks)</p> <p>b) 3 tens =</p>

29.	Ingrid weighs 45kg. Ingram weighs 15kg. a) Who is lighter? (1mk) b) Find their total weight.(2mks) c) Find the difference in their weights. (2mks)	30.	Below is a shopping list. Use it to answer the questions that follow. <table><tr><th>ITEM</th><th>PRICE</th></tr><tr><td>A pen</td><td>sh. 900</td></tr><tr><td>A book</td><td>sh. 700</td></tr><tr><td>A ruler</td><td>sh. 500</td></tr><tr><td>A rubber</td><td>sh. 300</td></tr></table> a) What is the cheapest item on the list? (1mk) b) How much is the most expensive item? (1mk) c) How much can Paul pay for 2 rubbers? (2mks) d) Find the total cost of a ruler and rubber. (2mks)	ITEM	PRICE	A pen	sh. 900	A book	sh. 700	A ruler	sh. 500	A rubber	sh. 300
ITEM	PRICE												
A pen	sh. 900												
A book	sh. 700												
A ruler	sh. 500												
A rubber	sh. 300												
31.	a) Find the sum of 14 and 6. (2mks)												

b) What is the product of 4 and 5? (2mks)

c) What is the difference between 48 and 28? (2mks)

32. 32. The graph below show the number of balls given to P.3 boys. Use it to answer the questions correctly.

Brian	  
Bob	 
Ben	   
Barnet	
Brandon	  

a) Who got the least number of balls? (1mk)

b) How many balls did Bob get? (1mk)

c) Who got the same number of balls? (1mk)

d)	How many balls did the five boys get altogether? (1mk)
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END