



RAPHELA JUNIOR SCHOOL
REVISION FIVE
P.6 – MATHEMATICS

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1. Alice is 3 years older than Juliet. Juliet is 13 years.

- (a) How is Alice?
- (b) What is their total age?
- (c) How old will Juliet be in 10 years from now?

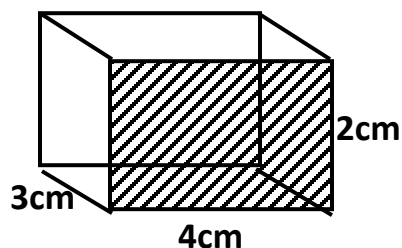
2. If $a = 3$, $b = 2$ and $c = 5$. Find the value of;

- (a) $a + b + c$
- (b) $a \times b$
- (c) bc

2. Given the number 3 6 4

- (a) Write the number in expanded form using values.
- (b) What is the place value of 4 in the number given above?
- (c) Find the sum of the values of 3 and 4 in the number.

3. Study the 3-dimensional figure and use it to answer questions.



- (a) Name the solid figure.

- (b) Work out the area of the shaded part.
- (c) How many of the following has the figure?
- (i) Faces =
- (ii) Edges =
- (iii) Vertices =

4. In the space below, draw the following figures.

square	cylinder	trapezium	cone	rectangle

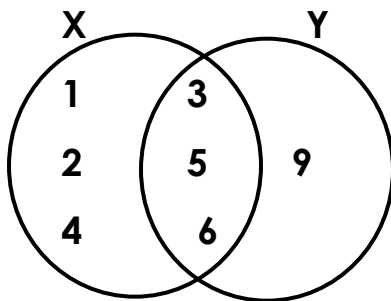
5. Below is the price list of items. use it to answer questions that follow:

Item	Price in shs.
Salt	sh. 300 per kg
Sugar	sh. 1200 per kg
Soap	sh. 1500 per bar
Rice	sh. 2000 per kg
Bread	sh. 700 per loaf

- (a) Find the cost of 2 kg of sugar.
- (b) How much money can one pay for 3 loaves of bread and a bar of soap?

(c) Find the amount spent on 2 kg of rice and 2 kg of salt.

6. Study the venn diagram below and use it to answer questions that follow.



(a) Find

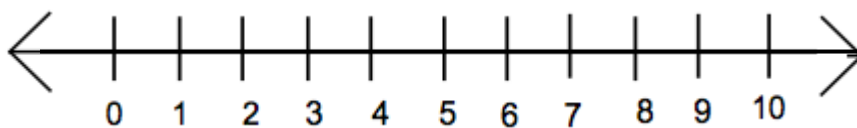
(i) $X \cap Y$

(ii) $n(X \cup Y)$

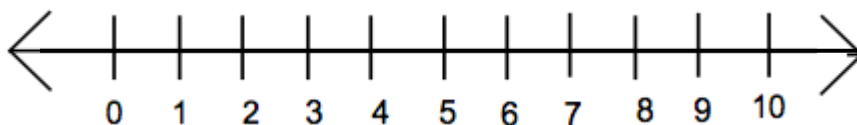
(b) How many elements are in set X?

7. Work out the following using the number line

(a) $7 - 3 =$ _____



(b) $4 + 5 =$ _____



(c) Multiply $2 \times 3 =$ _____

8. Aguti has a water melon and shared it equally between her two girls. Jill and Shil . Jill got $\frac{2}{7}$ and Shil got $\frac{3}{7}$ of the watermelon.

(a) What fraction of the cake was given to the two girls altogether?

(b) What fraction of the cake did Aguti remain with?

9. (a) Solve the following equations.

(i) $x + 4 = 6$

(ii) $P - 2 = 8$

(iii) $2x = 12$

10. In the space below, construct an equilateral triangle whose sides are 5cm.

11. Given that $X = 4$, $M = 2$ and $K = 3$

Find the value of:

i) $x + m + k$

ii) $x^2 + 2m$

iii) $3x + 2k$

12. Study the graph below and answer questions that follow about Musa's restaurant.

Monday	
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Tuesday	 
Wednesday	     
Thursday	   
Friday	   

 = 10 cups

- How many cups of tea were sold on Wednesday?
- On which day of the week were the sales the same?
- How much tea was sold altogether?
- If each cup was sold at sh. 1000. How much money was collected on Tuesday and Friday?

13. Given the digits 3, 4, 6

- Form the smallest 3-digit numeral that can be formed from the digits below.
- Write the largest 3-digit number that can be formed from the above digits.
- Work out the sum of the biggest and the smallest numerals formed above.
- What is the difference between the biggest and the smallest numbers formed above?
- Write the place value of digit 6 in the largest number formed.

14. Study the farm records below and use them to answer the questions that follow.

Days	Amount of milk
Monday	100 litres
Tuesday	120 litres
Wednesday	80 litres

Thursday

150 litres

- i. How many litres of milk were sold on Tuesday?
- ii. On which day did the farmer sell the least amount of milk?
- iii. How many more litres were sold on Thursday than Monday?

