

**MADINAH ISLAMIC JUNIOR SCH, NSANCGI**  
**RECESS WORK TERM I 2020**  
**PRIMARY SEVEN MATHEMATICS**

Name: \_\_\_\_\_

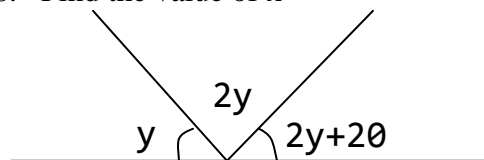
1. Add correctly  $0.27 + 3$

$$\begin{array}{r} +48 \quad 896 \\ \hline \hline \end{array}$$

7. If  $\frac{2}{5}$  of a number is 20. What is the number?

2. Workout:  $\frac{5}{9} \times \frac{2}{3}$

8. Find the value of x



3. Find the completely angle of  $25^\circ$

4. Solve:  $2x - 4 < 0$

9. Express 60km/hr to m/sec

5. The volume of a cuboid is  $105\text{cm}^3$ . Find its height if its length is 6cm and width 5cm

10. What is the additive inverse of -9

6. Add: kg      gm  
76      900

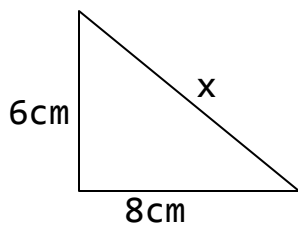
11. Round off to the nearest hundredths 0.9991

12. A bus driver covers a distance of 80km/hr in 3 hours. What is his speed

13. Solve:  $2y^2 - 2 = 70$

14. Work out:  $\left(\frac{3}{4} \text{ of } \frac{1}{3}\right)$

15. Find  $x$  in the figure below



16. Simplify;  $-8 - ^{-}2$

17. Given that set A has 64 subsets, how many elements has set A

18. Shade  $\frac{2}{3}$  from the diagram below



19. Find the area of a rectangle whose length is 5.6cm and width is 5cm

20. A piece of cloth 16m long is cut into small pieces of 0.4m. How many pieces will the tailor have?

Section B

21. In a p6 class of 20 pupils 13 pupils like science club s and 10 pupils like mathematics club if n pupils like both clubs.

a. Represent the above information on a Venn diagram

b. How many pupils like both clubs?

c. What is the probability of picking a pupil who like only one subject?

22. The sum of 3 consecutive even numbers is 36.

a. Find the 3 numbers?

b. Find the range of the numbers.

23. 20% of my salary is 36000,

a. What is my salary?

b. The cost of 7 trays of eggs is 4900 find the cost of 5 similar trays?

c. Write 55% as a simplified ratio.

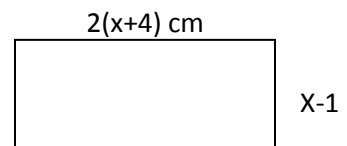
24. Add correctly:

a.  $1\frac{3}{4}_{\text{five}} + 2\frac{3}{5}_{\text{five}}$

b.  $5+2=$ ..... (Mode 7).

c. Write 7260 in scientific notation.

26. Find the area of the rectangle below.



29. Tom scored the following marks in midterm exams as shown below

Marks:	52	96	40	72
Subject:	eng	mtc	sci	sst

- a. Workout the average score for tom

- b. Find the:

i. range score

ii. Median

27. A father is twice as old as the son if their total age is 45 , how old is the:

a. Father

b. The son.

28. Divide 8000sh in the ratio of 2:4.

b) Find the square root of  $4\frac{9}{4}$ .

30. Given that  $y= 4$  and  $x=5$

Find:

a.  $xy$

b.  $\frac{xy}{y}$

c.  $y^2$

31. Expand 2476 using indices

b) What number has been expanded to give  $(3 \times 1000) + (6 \times 10) + (2 \times 100)$ ?

c) Write in words 707707

32. Using a ruler and a pair of compass only construct a regular hexagon of radius 4cm.

b) Find the perimeter of the hexagon