CLASS 6 MID TERM 2 2020

MATHEMATICS

1. Which one of the following numbers is **six million six hundred** and **twenty four thousand** and **seventeen**?
   A. 6062417   B. 66024017
   C. 66002417   D. 6624017

2. What is the value of
   12 - 13 + 5 + 2 (10 - 6)?
   A. 18   B. 12
   C. 24   D. 6

3. Work out the following:

   $5/6 \div 4$

   A. $5/24$ B. $3\tfrac{1}{3}$

   C. $10/3$ D. $6\tfrac{2}{3}$
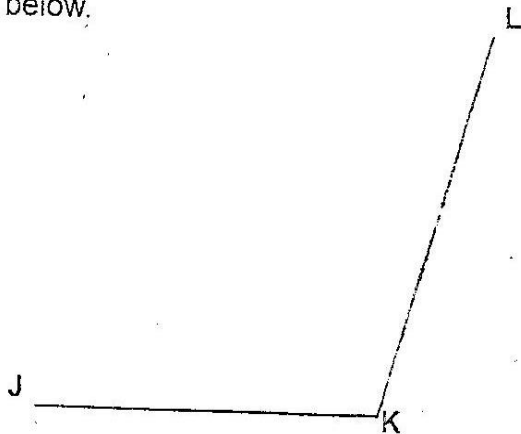
4. Find the product of **2.4** and **0.08**.
   A. 0.192   B. 1620
   C. 0.284   D. 192

5. Round off to the nearest hundred **6382**
   A. 6300   B. 6380
   C. 6400   D. 6000

6. Measure the angle marked JKL in the figure below.

   A. 120⁰   B. 60⁰
   C. 126⁰   D. 54⁰

7. Find the square root of $5\tfrac{11}{49}$

   A. $2\tfrac{2}{7}$ B. $1\tfrac{6}{7}$

   C. $16/49$ D. $6\tfrac{1}{9}$

8. The table below shows the number of pupils absent in a class of 40 pupils.

Day	Mon	Tue	Wed	Thur	Fr
No. of pupils absent	6	3	10	2	1

   On which day were there most pupils present?
   A. Monday   B. Wednesday
   C. Friday   D. Thursday

9. Simplify $5(3x + 2y) + 4(3x - 2y)$
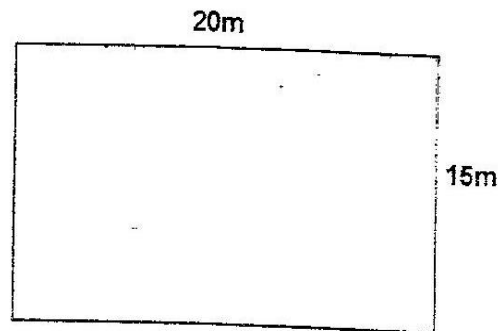   A. $27x + 2y$ B. $27z = 2y$
   C. $27x + 18y$ D. $27x - 18y$

10. If I divide $2\tfrac{7}{9}$ by a certain number, I get 1. Which number is that?
    A. $2\tfrac{7}{9}$ B. 1

    C. $9/25$ D. $9/27$

11. Kamau walked round the **figure below** two times. What distance **did he cover.**

    A. 90m   B. 180m
    C. 70m   D. 140m

12. The price of a loaf of bread increased from Sh.45 to Sh.50. Find the percentage increase.
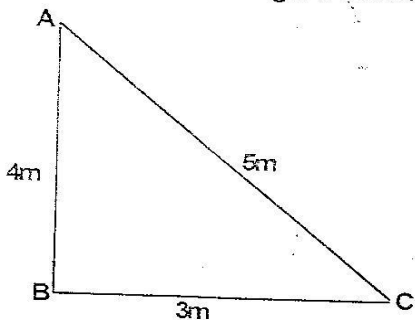   A. $11\frac{1}{9}\%$ B. 5%
    C. 95%   D. 50%

13. Solve the following equation;
    $4a + 4 = 12$
    A. 20   B. 8
    C. 2   D. 16

14. Find the next number in the series below.
    1, 5, 9, 13, 17, _____
    A. 19   B. 18
    C. 20   D. 21

15. What is the area of the figure shown below.

    A. $6cm^2$ B. $15cm^2$
    C. $10cm^2$ D. $60cm^2$

16. A shopkeeper bought a watch for **Sh. 500** and sold it for **Sh. 650**. Find the percentage profit.
    A. 30%   B. 24%
    C. 50%   D. 150%

17. Find the **LCM** of the following numbers;
    3, 4, 5
    A. 17   B. 12
    C. 60   D. 120

18. Change $3\frac{3}{4}$ tonnes to grams
    A. 3340g   B. 3750000gm
    C. 433000g   D. 375g

19. A man bought two plates for Sh. 450. He sold one at Sh.300 and the other at Sh. 350. How much profit did he get?
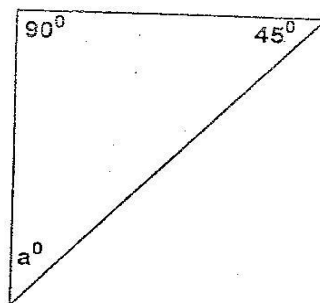   A. Sh.650   B. Sh.200
    C. Sh.800   D. Sh.1100

20. Write **0025hrs** in **12 hrs** clock system.
    A. 1225a.m   B. 1225p.m
    C. 12015p.m   D. 12.36p.m

21. Mr. Mubena had a box with forty tins of juice Each tin holds **500ml**. How many litres of juice did the container hold?
    A. 200   B. 20
    C. 4000   D. 20,000

22. What's the size of a in the figure?

    A. 45^0 B. 135^0
    C. 90^0 D. 60^0

23. What is **6250 + 341032** rounded off to the nearest hundreds?
    A. 34000   B. 347300
    C. 3472280   D. 347000

24. The head teacher, Mr. Kangi bought lockers for his Std 8 pupils at **Sh. 590** each. How many did the Head teacher buy with **Sh. 4720**?
    A. 4728   B. 8
    C. 80   D. 12

25. The table below shows the amount of money Kamwagiru spends in each month of the year.

Month of the year	J	F	M	A	M	J	J	A	S	O	N	D
Amount in Shs.	600	500	450	700	900	600	850	250	675	650	400	1250

How much money did Kamwagiru spend during the last quarter of the year.
    A. Sh. 1450   B. Sh. 2300
    C. Sh. 1600   D. Sh. 2500

26. What is the reciprocal of $2\frac{1}{3}$?
    A. $\frac{7}{3}$ B. $\frac{4}{5}$
    C. $\frac{3}{7}$ D. $\frac{5}{4}$

27. Solve the equation; $3(n + 2n) = 18$
    A. 10   B. 2
    C. 18   D. 9

28. Which is largest number that can be formed from **9, 0, 3, 4, 5, 2**?
    A. 345062   B. 590342
    C. 954320   D. 2543

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29. The total cost of 4 chairs is Sh. 900. One of the chairs cost Sh. 260, another cost Sh.190 and the third one cost Sh.250. What's the cost of the fourth chair?
   A. Sh. 200   B. Sh. 700
   C. Sh. 900   D. Sh. 260

30. The table below shows the registration of students to Grade 1 in Mutuma primary school.

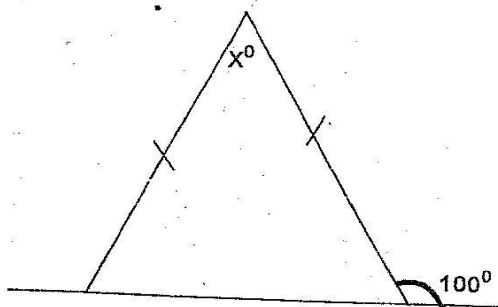| Pupils	Mon	Tue	Wed	Thur	Fri
Boys	190	106	125	201	139
Girls	116	122	157	170	140

   How many pupils were admitted in that week?
   A. 1466   B. 705
   C. 741   D. 1289

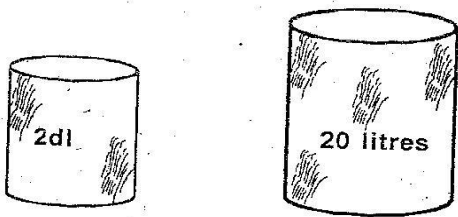31. 0.75 of a cake was shared equally among three children. How much did each child get?
   A. 2.5   B. 0.25
   C. 25   D. 0.025

32. What is the size of the angle marked X in the figure below?

   A. 80⁰   B. 50⁰
   C. 20⁰   D. 40⁰

33. How many of containers A will fill container B?

   Container A   Container B

   A. 100   B. 20
   C. 400   D. 21

34. If the time now is 2.00p.m, write the time in 24hour clock system.
   A. 0200hrs   B. 2400hrs
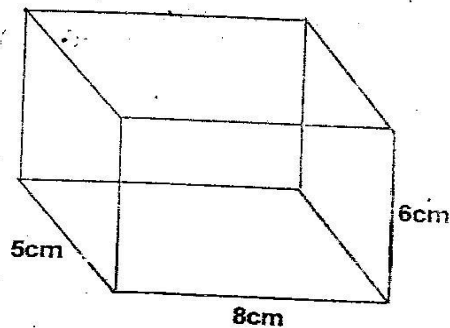   C. 1400hrs   D. 1200hrs

35. What is the number of boys in a school which has a population of 700 pupils and 45% of the population are girls?
   A. 315   B. 385
   C. 745   D. 755

36. A donation of Sh. 62166 was shared equally among 39 schools. How much did each school get?
   A. Sh. 154   B. Sh. 1680
   C. Sh. 2594   D. 1594

37. What is the volume of the container blow?

   A. 220cm³   B. 182cm³
   C. 240cm³   D. 320cm³

Use the table below to answer questions 38 - 39. It shows the number of loaves baked in a hour.

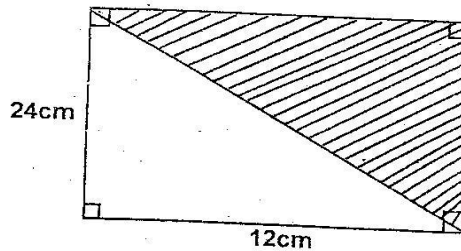| Time in hours	1	2	3	4	5
Loaves baked	40	80	120	160	200

38. How many loaves are baked in 30 minutes?
   A. 40   B. 20
   C. 30   D. 80

39. How many hours are taken to bake 140 loaves?
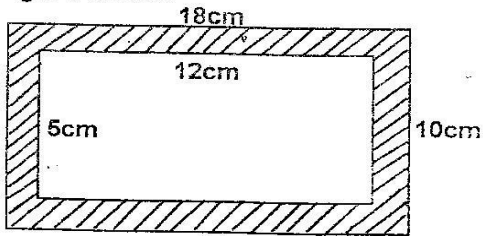   A. 3¹/₂hrs   B. 3hrs
   C. 4¹/₂hrs   D. 4hrs

40. Find the area of the shaded part in the figure below.
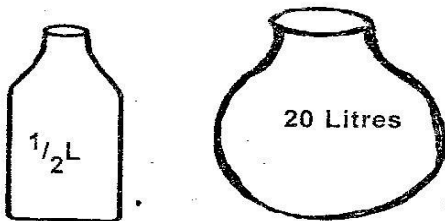

   A. 288cm²   B. 36cm²
   C. 144cm²   D. 72cm²

41. Obara bought a trouser at **Sh. 1850**. He later sold it making a profit of **Sh. 550**. For how much did he sell the trouser?
   - A. Sh. 1300
   - B. Sh. 2300
   - C. Sh. 2400
   - D. Sh. 2350

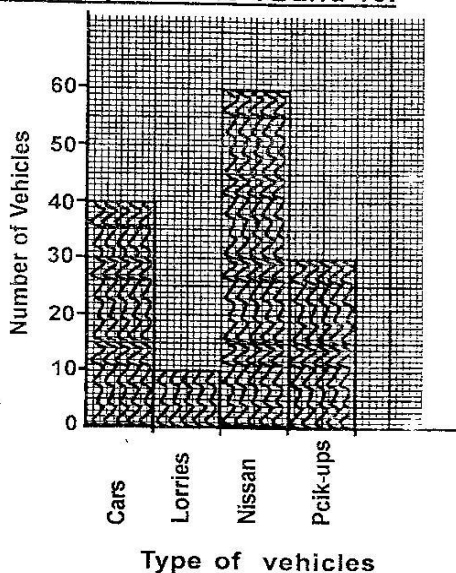42. Find the area of the unshaded part in the figure below.

   - A. 60cm^2
   - B. 180cm^2
   - C. 120cm^2
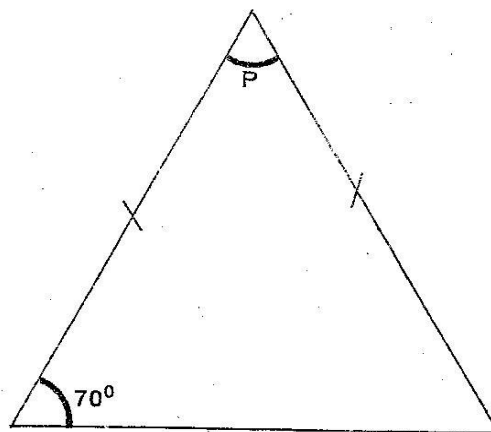   - D. 90cm^2

43. How many small containers would fill the big container?

   - A. 10
   - B. 40
   - C. 20$\frac{1}{2}$
   - D. 19

44. What is the value of **m** in the following equation; **2(m + 4m) = 30**
   - A. 5
   - B. 6
   - C. 4
   - D. 3

The graph below shows the number of vehicles that passed near St. Joseph primary school in one day. Use it to answer questions 45 and 46.

45. Which vehicles were the majority?
   - A. Lorries
   - B. Cars
   - C. Nissans
   - D. Pick-up

46. What was the total number vehicles that passed near the school?
   - A. 140
   - B. 60
   - C. 100
   - D. 12

47. A book costs **Sh. 20.00** while a pencil costs **Sh. 10.00**. How much would two books and three pencils cost?
   - A. Sh. 50.00
   - B. Sh. 70.00
   - C. Sh. 80.00
   - D. Sh. 30.00

48. Beatrice was given **Sh. 60560** while Kinyua got **Sh. 45065**. How much more did Beatrice get than Kinyua?
   - A. Sh. 105625
   - B. Sh. 15505
   - C. Sh. 15595
   - D. Sh. 15495

49. The distance between the school and Atieno's home is **3km**. How many kilometres does Atieno cover in one week if she leaves home in the morning and comes back in the evening?
   - A. 6km
   - B. 36km
   - C. 30km
   - D. 15km

50. What is the value of angle P the figure below?

   - A. 40^0
   - B. 140^0
   - C. 70^0
   - D. 110^0