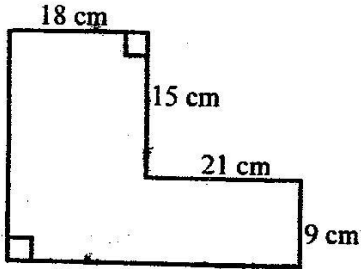# Class 6 mid term 1 August 2021

Mathematics

1. What is eight million, eight hundred and eight thousand and eight in numerals?
   A. 8 808 800
   B. 8 088 088
   C. 8 808 008
   D. 8 088 008

2. What is the place value of digit 7 in the product of 25 and 69?
   A. Hundreds   B. Thousands
   C. Tens   D. Ones

3. The area of a square room is 625 cm². Find the perimeter of the room.
   A. 50 cm
   B. 1000 cm
   C. 0.5 m
   D. 100 cm

4. Find the GCD of 18, 36 and 45.
   A. 9   B. 12
   C. 3   D. 8

5. A vehicle was loaded with 500 cartons of milk. Each carton holds 15 litres, how much milk in litres was carried by the vehicle?
   A. 750*l*   B. 600*l*
   C. 7 500*l*   D. 6 000*l*

6. What is the area of a square plot whose length is 16m?
   A. 256m²   B. 64m²
   C. 32m²   D. 128m²

7. What is the total value of digit 9 in the number 89 462?
   A. Nine
   B. Ninety
   C. Nine hundred
   D. Nine thousand

8. Round off 64 832 to the nearest thousand
   A. 64 800   B. 65 000
   C. 60 000   D. 60 800

9. What is ³/₈ as a decimal?
   A. 0.75   B. 0.825
   C. 0.375   D. 0.460

10. Which of the following numbers is divisible by 6?
    A. 3 258   B. 3 526
    C. 3 265   D. 3 361

11. The perimeter of the rectangular farm below is 86 m. One of its sides is 18 m.

    Find its area.
    A. 200 m²   B. 450 m²
    C. 600 m²   D. 500 m²

12. What is the place value of digit 7 in the product of 1.23 x 1.4?
    A. Ones
    B. Thousandths
    C. Hundredths
    D. Tenths

13. Calculate the perimeter of the figure below.

    A. 126cm   B. 63cm
    C. 148cm   D. 152cm

14. 12 girls and 9 boys went to the library to borrow books. Each girl carried 2 books and each boy carried 3 books respectively. How many books did they carry altogether from the library?
A. 48   B. 57
C. 51   D. 63

15. Which of the following angles is less than 180° but greater than 90°?
A. Reflex angle   B. Obtuse angle
C. Acute angle   D. Right angle

16. Add:

hrs	min
5	35
+ 2	48

A. 6 hrs   73 min
B. 7 hrs   83 min
C. 7 hrs   23 min
D. 8 hrs   23 min

17. Solve the equation:
$\frac{1}{3}(6a + 3) = 9$
A. 5   B. 5
C. 8   D. 4

18. The sum of two numbers is 160. If the smaller is 64, find the larger number.
A. 96   B. 86
C. 76   D. 106

19. Arrange the following numbers from the largest to the smallest
0.5, 5.05, 0.005, 0.05
A. 0.5, 5.05, 0.05, 0.005
B. 5.05, 0.5, 0.05, 0.005
C. 0.005, 0.05, 0.5, 5.05
D. 5.05, 0.005, 0.05, 0.5

20. A nurse was on duty from 9.00 pm to 6.00 am the following morning. For how long was she on duty?
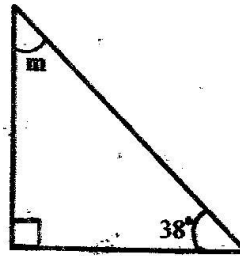A. 3 hours   B. 12 hours
C. 9 hours   D. 6 hours

21. Divide:
$5\frac{1}{3} \div 2\frac{1}{2}$
A. $7\frac{1}{2}$ B. $3\frac{1}{2}$
C. $2\frac{2}{7}$ D. $2\frac{2}{15}$

22. What is the value of the angle marked m below?

A. 38°   B. 152°
C. 142°   D. 52°

23. A packet of biscuits has 12 pieces of biscuits. How many packets can be filled by 84 pieces of biscuits?
A. 7
B. 8
C. 12
D. 4

24. What is 8m 45cm to the nearest metre?
A. 9m
B. 8m
C. 845cm
D. 50cm

25. What is the reciprocal of:
$8\frac{1}{7}$?
A. $\frac{81}{7}$ B. $\frac{7}{57}$
C. $\frac{7}{81}$ D. $7\frac{1}{8}$

26. Okwanyo divided $\frac{1}{6}$ of his salary equally among his three sisters. What fraction of the salary did each sister got?
A. $\frac{1}{18}$ B. $\frac{1}{2}$
C. 2   D. $\frac{1}{3}$

27. Which of the following numbers is both divisible by 2 and 5?
    A. 444   B. 485
    C. 420   D. 478

28. What is the next fraction in the sequence below?

    $\frac{3}{4}$, $1\frac{1}{2}$, $2\frac{2}{4}$ _____

    A. $3\frac{1}{2}$ B. $3\frac{1}{4}$

    C. $3\frac{1}{4}$ D. 3

29. A farmer pays sh. p per day to each worker. On the first day, 18 workers were present. On the second day 3 workers did not turn up. How much money did the farmer spend to pay the workers for the two days?
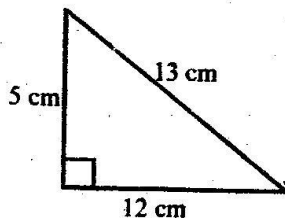   A. Sh. 21p   B. Sh. 33p
    C. Sh. 18p   D. Sh. 25p

30. How many 40 shilling coins are there in two-five hundred shilling notes?
    A. 50   B. 20
    C. 25   D. 35

31. Find the value of 5a + 2b + 3c
    If a = 5, b = 4 and c = 3
    A. 41
    B. 61
    C. 42
    D. 31

The diagram below shows a triangle

32. What is its area?
    A. 90 cm²   B. 65 cm²
    C. 60 cm²   D. 30 cm²

33. Subtract:

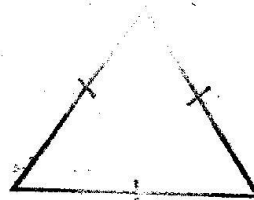| weeks	days
5	4
- 2	5

    A. 3 wks 1 day
    B. 2 wks 6 days
    C. 2 wks 9 days
    D. 2 wks 1 day

34. A doctor injected each patient with 2 ml of medicine. Altogether she used 0.15 litres of medicine. How many patients did she treat?
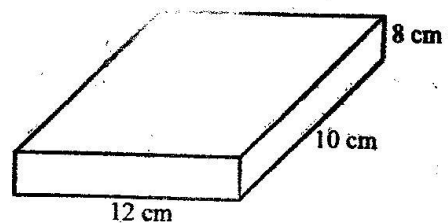   A. 95   B. 85
    C. 75   D. 65

35. What is the _____ of the triangle below?

    A. Equilateral triangle
    B. Right angled triangle
    C. Isosceles triangle
    D. Scalene triangle

36. The diagram below is a cuboid

    Find its volume
    A. 120 cm³   B. 840 cm³
    C. 720 cm³   D. 960 cm³

37. What is 56$\overline{)3640}$?
    A. 55   B. 65
    C. 75   D. 85

38. What is the sum of prime numbers between 30 and 50?

A. 189   B. 219

C. 169   D. 199

39. Which of the following numbers is divisible by 8?
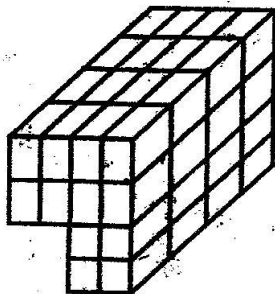
A. 6 842   B. 6 548

C. 6 592   D. 6 652

40. Which of the following inequality is correct?

A. four years > 36 months

B. 2 days > 72 hours

C. 5.11 = 51.1

D. Right angle < acute angle

41. What is the square of $^{16}/_{25}$?

A. $^4/_5$ B.

C. $^{36}/_{75}$ D. $^{256}/_{625}$

The diagram below shows a stack of cubes

42. How many cubes were used to make the stack?

A. 36   B. 48

C. 72   D. 60

43. Kiprop weaves $2^1/_2$ metres of rope every hour. How many metres will he weave in $4^1/_4$ hours?

A. $1^5/_8$ m   B. $6^3/_4$ m
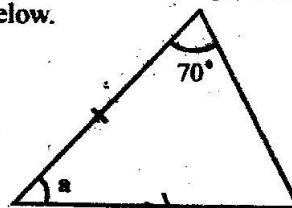
C. $10^5/_8$ m   D. $6^1/_2$ m

44. The area of the field is 84 m². Its length is 12 m. What is the perimeter of the field?

A. 7 m   B. 52 m

C. 19 m   D. 38 m

45. How many metres are there in 20 km 50 m?

A. 20 050m   B. 2 050m

C. 250m   D. 25m

46. Find the value of angle a in the figure below.

A. 70°   B. 60°

C. 40°   D. 50°

47. What is 13 km 920 m ÷ 6?

A. 2 km 620 m   B. 2 km 320 m

C. 1 km 320 m   D. 21 km 920 m

48. What is $5 - ^3/_4$?

A. $4^3/_4$ B. $3^1/_4$

C. $4^1/_4$ D. $3^3/_4$

49. Below are properties of a certain figure

i) Opposite sides are equal

ii) Its a four sided figure

Identify the figure

A. Rectangle   B. Triangle

C. Oval   D. Circle

50. Atieno bought the following items from a shop:

4 bars of soap each sh. 70

2 kg of flour at sh. 90 per kg

2 kg of rice at sh. 80 per kg

Calculate her total bill

A. Sh. 620   B. Sh. 660

C. Sh. 560   D. Sh. 720