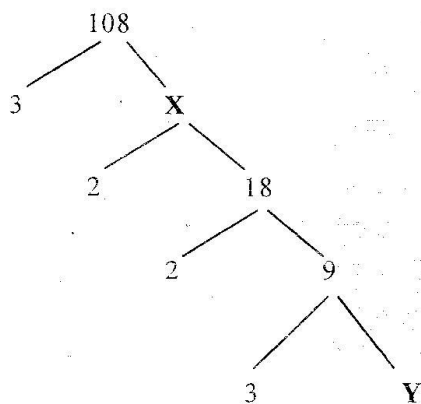# CLASS 6 END TERM 3 DECEMBER 2021
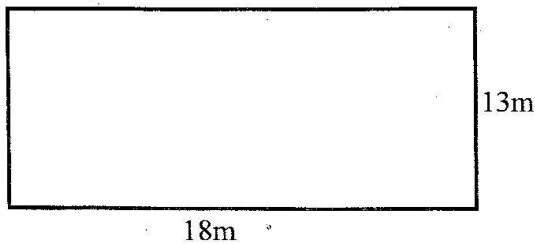
MATHEMATICS

1. Write in figures four million three hundred and twenty one.
   A. 400321
   B. 4000321
   C. 40321
   D. 40000321

2. What is the place value of digit 3 in **6932175**?
   A. Hundreds
   B. Thousands
   C. Ten thousands
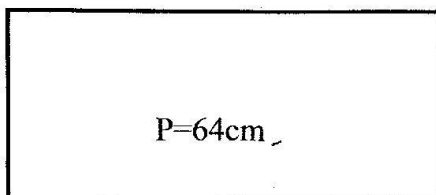   D. Hundred thousands

3. Write the missing digit in

	X	Y
A.	36	3
B.	36	9
C.	3	3
D.	2	3

4. Which of the following number is divisible by 3?
   A. 4640
   B. 41968
   C. 9690
   D. 8672

5. What is the product of the fourth and seventh prime number?
   A. 119
   B. 35
   C. 77
   D. 91

6. Write in Roman **56**
   A. XLVI
   B. LIV
   C. LXVI
   D. LVI

7. What is the difference between the L.C.M of **6** and **8** and the G.C.D of **12** and **18**?
   A. 6
   B. 18
   C. 24
   D. 30

8. Divide; $450030 \div 15 =$
   A. 32
   B. 302
   C. 3002
   D. 30002

9. Which one of the following numbers is divisible by **6, 9** and **2**?
   A. 972
   B. 462
   C. 523
   D. 761

10. Which of the following is not an equivalent fraction of $^5/_8$?
    A. $^{10}/_{16}$
    B. $^{20}/_{32}$
    C. $^{10}/_{24}$
    D. $^{15}/_{24}$

11. Work out : $4 - 3\,^1/_5 =$
    A. $1\,^1/_5$
    B. $1\,^4/_5$
    C. $5\,^1/_5$
    D. $^4/_5$

12. Which is greater $^7/_{10}, \,^3/_5$?
    A. $^3/_5$
    B. $^7/_{10}$
    C. equal
    D. none

13. Convert **120**m into kilometres.
    A. 1.2 km
    B. 12km
    C. 1200km
    D. 0.12 km

14. Convert **1.32** into fraction.
    A. $^8/_{25}$
    B. $^{32}/_{100}$
    C. $1\,^8/_{25}$
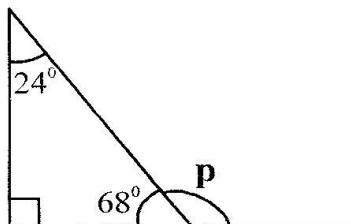   D. $1\,^{32}/_{100}$

15. Find half the perimeter of rectangle below.

13m

18m

A. 31m B. 62m
C. 26m D. 36m

16. What is the place value of digit **8** in **6.289**?
A. Tenth B. Hundredth
C. Tens D. Thousandth

17. What is the value of **p** in $4p + 2(p + 3) = 24$?
A. 3 B. 4
C. 6 D. 5

18. What is $^8/_{1000}$ as a decimal?
A. 0.8 B. 0.08
C. 0.0008 D. 0.008

19. Add : **24.361 + 0.234 + 13. 621**
A. 28.216 B. 26.216
C. 27.216 D. 38.216

20. Njoki started walking at **7: 20** am. She walked for **4 hours 20 mins**. When did she stop?
A. 11:20 a.m B. 12:00 noon
C. 11:40 a.m D. 11:00 a.m

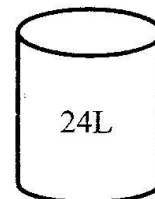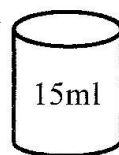21. Find the area of a rectangle whose perimeter is 64 cm and width 13cm.

P=64cm

A. 38 cm² B. 19 cm²
C. 57 cm² D. 247 cm²
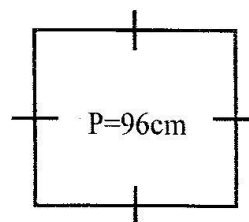
22. Find the value of the angle marked **p**.

24°

68° p

A. 82° B. 112°
C. 88° D. 68°

23. What is supplement of 84°?
A. 96° B. 6°
C. 56° D. 16°

24. A box has **600** sachets each weighing **200** grams. How many kilograms does it have?
A. 12000 kg
B. 12000 kg
C. 120 kg
D. 12 kg

25. Draw and equilateral triangle ABC. Such that $AB = BC = AC = 6cm$. Measure angle ABC.
A. 60° B. 120°
C. 70° D. 50°

26. **1 cm** on a map represent **12cm**. How many centimetres will represent 84 cm?
A. 6cm B. 7 cm
C. 12cm D. 24cm

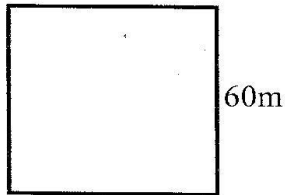27. How many **15 ml** tins can fill **24l** tin?

15ml 24L

A. 160 B. 16
C. 16000 D. 1600

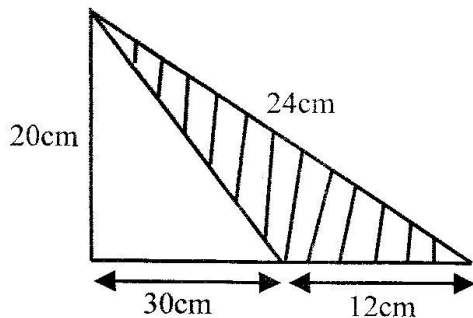28. Find the area of a square whose perimeter is 96cm.

P=96cm

A. 576 cm²
B. 24 cm²
C. 6676 cm²
D. 324cm²

29. A trader sold a cow at **sh. 30 000** which he had bought at **sh. 25 000**. What was the percentage profit made?

A. 16%   B. 20%

C. 45%   D. 5000%

30. Find the area of a square whose length is 60m. Give your answer in ares.
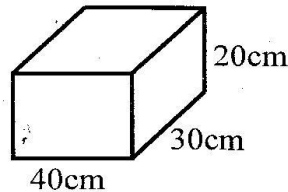

A. 36 ares   B. 3600 ares

C. 360 ares   D. 0.36 ares

31. Achieng bought the following items from a shop;

3 kg of sugar @ Sh. 120

3 loaves each at Sh. 50

4- 2 kg packets of flour @ Sh 80

3 match boxes for Sh. 15

If she needed the balance in 200 shillings note. How much could she add having given the shopkeeper sh. 1000 note?

A. Sh. 845   B. Sh155

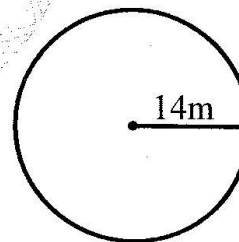C. Sh 45   D. Sh. 65

32. Find the area of the shaded region.

A. 120 cm²   B. 360 cm²

C. 300 cm²   D. 600 cm²

33. Convert **4.20** a.m into **24** hour clock system.

A. 1620 hrs   B. 0420 hrs

C. 16:20 hrs   D. 4:20 hrs

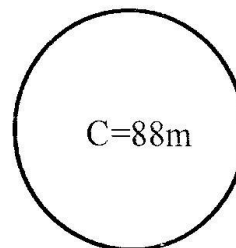34. A car covered **360** km in **4** hours. Find its speed in m/s.

A. 90 m/s   B. 72 m/s

C. 25 m/s   D. 20 m/s

35. Find half the capacity in litres of the cuboid below.

A. 12L

B. 120 L

C. 1200L

D. 12000L

36. Find the perimeter of the figure below.

A. 44m   B. 28m

C. 176m   D. 88m

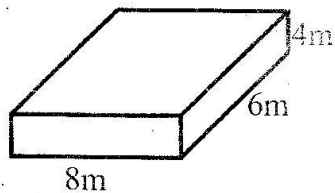37. A circle has a circumference of **88m**. Find it radius.

A. 28m   B. 56m

C. 14m   D. 28m

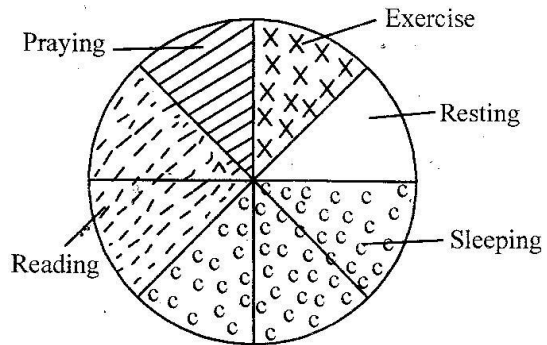*The following table shows pupils with their favourite colours. Use it to answer question 38- 41*

Colour	Total tally
Red	HHI HHI //
Black	HHI HHI HHI ///
White	HHI ////
Blue	HHI HHI //
Yellow	////

38. Which is the most favourable colour?
   A. Yellow   B. Black
   C. Red   D. Blue

39. Which colour is liked by 9 pupils?
   A. White   B. Red
   C. Blue   D. Yellow

40. Which colour is least liked?
   A. Red   B. Blue
   C. White   D. Yellow

41. How many pupil's information was collected?
   A. 12   B. 18
   C. 55   D. 9

42. Convert **460** min into minutes and hours.
   A. 46 hours   B. 7 hours 40 min
   C. 6 hrs 40 min   D. 4 hrs 60 min

43. Find the volume in m³

   4m
   6m
   8m

   A. 48 m³   B. 24 m³
   C. 192 m³   D. 96 m³

44. Convert **36L** to decilitres
   A. 360 dl   B. 36 dl
   C. 3600 dl   D. 36000 dl

45. The following chart shows how Fatuma used her day.

   Praying — Exercise — Resting
   Reading — Sleeping

   How many hours did she spend sleeping?
   A. 3 hrs   B. 9 hrs
   C. 2 hrs   D. 1 hr

46. What fraction was used in reading?

   A. $\frac{2}{4}$ B. $\frac{3}{8}$

   C. $\frac{2}{6}$ D. $\frac{1}{4}$

47. What is the square root of $\sqrt{81}$?
   A. 9   B. 3
   C. 81   D. $40\frac{1}{2}$

49. What is the next number in the series **324, 289, 256, 225, _____**?
   A. 215   B. 169
   C. 196   D. 144

49. Convert $5\frac{6}{7}$ into an improper fraction.

   A. $5\frac{6}{7}$ B. $\frac{35}{7}$

   C. $3\frac{5}{7}$ D. $\frac{41}{7}$

50. How many groups of hundreds are there in the total value of 6 in **964753**?
   A. 600   B. 6000
   C. 60 000   D. 6