CLASS 6 MID TERM 3 DECEMBER 2021
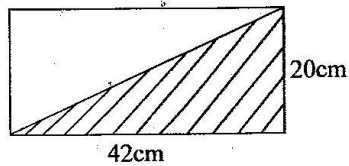# MATHEMATICS
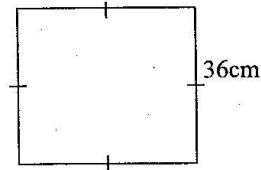
1. Write in words 4862324
   A. Four million, eight hundred and sixty two thousand, three hundred and twenty four.
   B. Four million, eight hundred and sixty two thousand three hundred and twenty four.
   C. Four hundred and eighty six thousand, two hundred and thirty two.
   D. Four million eight hundred and sixty two thousand eight hundred and twenty four.

2. What is the place value of digit 2 in 63.9425?
   A. Thousandth.　　　B. Hundredth.
   C. Tenth.　　　D. Thousand.

3. What is the total value of digit 4 in 689.345?
   A. 4　　　B. Hundredth.
   C. Tenth.　　　D. Four hundredth.

4. What is the largest 5 digit number that can be formed from 9, 6, 8, 4 and 0?
   A. 98640　　　B. 40689
   C. 86940　　　D. 69840

5. Simplify $\dfrac{24}{72}$

   A. $\dfrac{3}{9}$　　　B. $\dfrac{6}{81}$

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

6. Work out 4631 x 28 =
   A. 37048　　　B. 9262
   C. 119668　　　D. 129668

7. What is the quotient of 4340 and 7?
   A. 620　　　B. 4347
   C. 4333　　　D. 62

8. What is the next number in 82, 74, 66, 58?
   A. 42　　　B. 50
   C. 56　　　D. 52

9. Find the least number that can be divided by 12, 15 and 30 without a reminder
   A. 6　　　B. 160
   C. 60　　　D. 120

10. Three bells ring at an interval of 15mins, 20mins and 30mins. If they ring together at 10.15am when will they ring together again?
    A. 10.30am　　　B. 11.15am
    C. 11.45am　　　D. 9.15am

11. Work out: $3\dfrac{1}{2} + 4\dfrac{2}{3} =$

    A. $7\dfrac{1}{6}$　　　B. $1\dfrac{1}{6}$

    B. $8\dfrac{1}{2}$　　　D. $8\dfrac{1}{6}$

12. Work out the value of y in $3y + 4 = 2y + 8$
    A. 4　　　B. 12
    C. 2　　　D. 3

13. Work out: $\left(4\dfrac{1}{2}\right)^2$

    A. $16\dfrac{1}{2}$　　　B. $16\dfrac{1}{4}$

    C. $2\dfrac{1}{4}$　　　D. $20\dfrac{1}{4}$

14. Work out: $8\dfrac{3}{5} - 3\dfrac{6}{7} =$

    A. $5\dfrac{9}{35}$　　　B. $5\dfrac{26}{35}$

    C. $4\dfrac{26}{35}$　　　D. $3\dfrac{26}{35}$

15. What is the square of 6^2?

   A. 6   B. 36

   C. 3   D. 1296

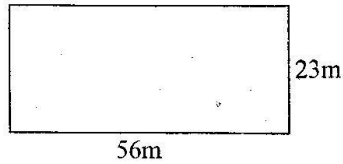16. Find half the area of the shaded region

   A. 84cm^2 B. 210cm^2

   C. 420cm^2 D. 840cm^2

17. Work out: $3\dfrac{2}{5} \div \dfrac{17}{20} =$

   A. $\dfrac{1}{4}$ B. 5

   C. 4   D. $\dfrac{7}{5}$

18. Work out: $4\dfrac{3}{5} \times 3\dfrac{1}{3} =$

   A. $5\dfrac{1}{3}$ B. $13\dfrac{1}{3}$

   C. $15\dfrac{1}{4}$ D. $15\dfrac{1}{3}$

19. What is the reciprocal of 46?

   A. $\dfrac{1}{46}$ B. $\dfrac{46}{1}$

   C. $\dfrac{4}{6}$ D. $\dfrac{6}{4}$

20. What is the next number in

   $1, 1\dfrac{2}{3}, 2\dfrac{1}{3}, 3, \_\_\_\_$?

   A. $3\dfrac{3}{4}$ B. $3\dfrac{1}{3}$

   C. $3\dfrac{2}{3}$ D. $4\dfrac{1}{3}$

21. What is the place value of digit 3 in 46.239?

   A. Ones.   B. Tenth.

   C. Hundredth.   D. Thousandth.

22. Find the total value of digit 4 in 649275

   A. 4000   B. Ten thousand

   C. 4   D. 40000

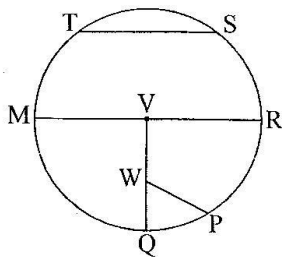23. A square has a length of 36m. Find half its perimeter

   A. 144cm   B. 6cm

   C. 72cm   D. 24cm

24. Which one of the following is a terminating decimal?

   A. $\dfrac{1}{4}$ B. $\dfrac{1}{3}$

   C. $\dfrac{4}{9}$ D. $\dfrac{3}{11}$

25. Round off to the nearest thousandth 46.9245

   A. 46.93   B. 46.9

   C. 46.925   D. 46.924

26. What is $\dfrac{2}{3}$ as a decimal correct to nearest tenth?

   A. 0.6   B. 0.66

   C. 0.7   D. 0.67

27. Convert $12\dfrac{1}{2}$ % into a fraction and simplify.

   A. $\dfrac{25}{2}$ B. $\dfrac{25}{100}$

   C. $\dfrac{1}{4}$ D. $\dfrac{1}{8}$

28. Convert 0.48 into percentage

   A. 4.8%   B. 48%

   C. 0.48%   D. 480%

MATHEMATICS STD 6

29. Find the area of the rectangle below. Give your answer in ares

23m

56m
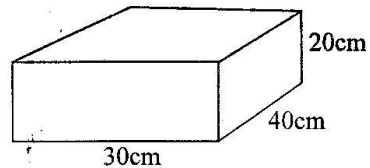
A. 1288000 ares   B. 12.88ares

C. 01288ares   D. 158ares

30. Work out: 32.641 – 16.93

A. 16.311   B. 15.711

C. 16.211   D. 15.311

31. Work out: 3.64 x 100 =

A. 364   B. 36.4

C. 3640   D. 36400

32. Work out. 4.2 ÷ 14 =

A. 3   B. 7

C. 0.3   D. 0.6

33. What is 80% of 300?

A. 60   B. 80

C. 140   D. 240

34. John walked 20% of his journey. If he had covered 40km. How many kilometres were remaining?

A. 20km   B. 80km

C. 160km   D. 200km

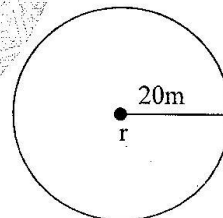35. Which one of the following represent diameter in the following figure?
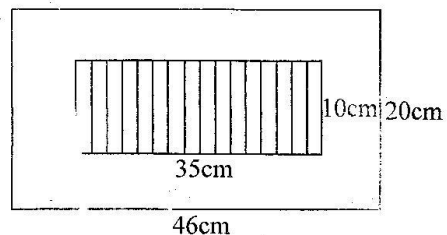

A. TS   B. MR

C. VR   D. VQ

36. Convert 4000ml to litres

A. 40L   B. 400L

C. 0.4L   D. 4L

37. Find the capacity in litres of the following tank

20cm

40cm

30cm

A. 24000L   B. 240L

C. 12000L   D. 24L

38. How many quarter litres can be made from 32 litres?

A. 128   B. 16

C. 64   D. 8
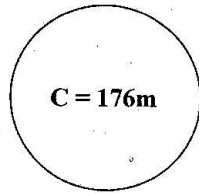
39. Find the circumference of the following circle

20m
r

A. 62.8m   B. 125.6m

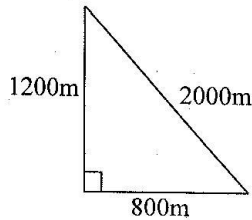C. 628m   D. 1256m

40. Find the area of the unshaded region
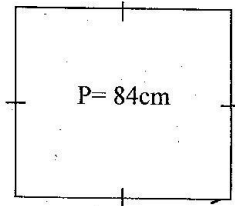

10cm 20cm

35cm

46cm

A. 920cm²   B. 350cm²

C. 1270cm²   D. 570cm²

41. A circle has a circumference 176m. Find its radius
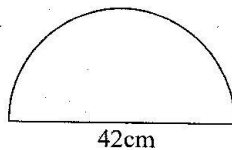
C = 176m

A. 88cm   B. 28m
C. 56m   D. 14m

42. Find the area in ha

1200m   2000m

800m

A. 48ha   B. 96ha
C. 80ha   D. 6ha

43. Find the area of a square whose perimeter is 84cm
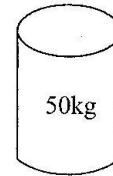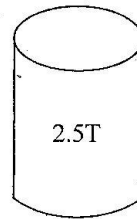
P= 84cm

A. 21cm²   B. 6400cm²
C. 441cm²   D. 421cm²

44. What is the seventh number in 3, 5, 7, 9,___?
A. 15   B. 11
C. 13   D. 17

45. Find the circumference of

42cm

A. 54cm   B. 66cm
C. 108cm   D. 108cm
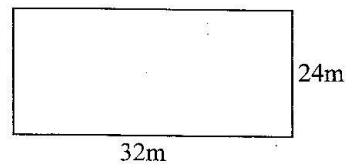
46. How many 50kg tins will fill a 2.5tonne container?

2.5T   50kg

A. 50   B. 2
C. 20   D. 5

The following table shows the sales of milk in litres in a week. Use it to answer question 47 – 49

Day	Mon	Tue	Wed	Thur	Fri
Sales of milk in litres	25	30	40	38	32

47. What was the difference between the lowest and the highest sale?
A. 40   B. 15
C. 25   D. 38

48. Which day had the lowest sale?
A. Tuesday.   B. Wednesday.
C. Monday.   D. Friday.

49. What was average sale?
A. 32   B. 40
C. 30   D. 33

50. Find twice the perimeter of the rectangle below.

24m

32m

A. 224m   B. 112m
C. 56m   D. 748m