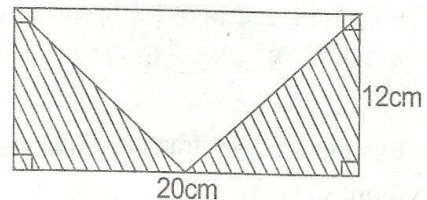# CLASS 6 MATHS END TERM 1 2020

1. Write 7000500 in words.
   A. Seven million and five hundred
   B. Seven million and five thousand
   C. Seventy thousand and five hundred
   D. Seven hundred thousand and five hundred

2. Round off 670059 to the nearest hundreds.
   A. 670000
   B. 670060
   C. 670110
   D. 670100

3. What is the place value of digit 2 in the number 34.321 ?
   A. Tens
   B. Hundredths
   C. Thousandths
   D. Tenths

4. Work out : 379147 + 201829 + 144 + 29
   A. 581149
   B. 582149
   C. 591149
   D. 592249

5. What is the total value of digit 9 in the number 97654 ?
   A. 90000
   B. 9000
   C. Thousands
   D. Ten thousands

6. What is the reciprocal of $3\frac{1}{3}$?
   A. $\frac{3}{10}$
   B. $\frac{10}{3}$
   C. $3\frac{3}{1}$
   D. $\frac{9}{3}$

7. What are the next two numbers in the sequence below ?
   15, 21, 27, 33, ____, ____
   A. 39, 45
   B. 39, 51
   C. 45, 51
   D. 51, 57

8. Work out : $4\frac{1}{2} - 2\frac{3}{5}$
   A. $1\frac{9}{10}$
   B. $2\frac{1}{10}$
   C. $1\frac{1}{10}$
   D. $2\frac{9}{10}$

9. What is the value of p in the equation
   $8p + 10 = 42$
   A. $3\frac{1}{2}$
   B. $6\frac{1}{2}$
   C. 8
   D. 4

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

    A. 240cm²
    B. 64cm²
    C. 120cm²
    D. 104cm²

11. A sports day competition was attended by 5001 children, 809 women and 908 men. How many more children than adults attended ?
    A. 376
    B. 3093
    C. 3284
    D. 7718

12. The area of a square is 256m². What is its perimeter ?
    A. 16m
    B. 64m
    C. 32m
    D. 48m

13. Work out : $4\frac{1}{8} \times 2\frac{2}{3}$
    A. $11\frac{3}{8}$
    B. 11
    C. $8\frac{1}{3}$
    D. $6\frac{1}{3}$

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14. Round off 37.698 correct to 2 decimal places.
    A. 37.00   B. 37.69
    C. 37.70   D. 38.00

15. Work out : $19\overline{)2375}$
    A. 105   B. 120   C. 150   D. 125

16. Which of the following numbers is divisible by 8 ?
    A. 48264   B. 40268
    C. 28172   D. 5756

17. What is the sum of prime numbers between 80 and 100 ?
    A. 172   B. 267   C. 362   D. 449

18. What is the L.C.M of 16, 18 and 32 ?
    A. 300.   B. 288   C. 240   D. 2

19. Express 0.6 as a fraction in its simplest form.
    A. $\frac{3}{5}$ B. $\frac{4}{5}$ C. $\frac{1}{3}$ D. $\frac{2}{5}$

20. Work out : $5\frac{5}{6} \div 8\frac{3}{4}$
    A. $\frac{2}{3}$ B. $\frac{1}{2}$ C. $\frac{1}{3}$ D. $\frac{2}{5}$

21. There are 420 pupils at Ojwando primary school. How many books should the school buy if each pupil is to get 25 books ?
    A. 105   B. 1200
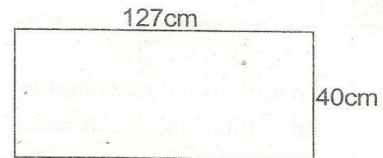   C. 8400   D. 10500

22. Remove the brackets and simplify
    $3(4x + 6y) + 2(3x - 5y)$
    A. 18x + 8y
    B. 18x - 8y
    C. 30x + 16y
    D. 12x + 18y + 6x - 10y

23. What is the product of $6\frac{2}{3}$ and $1\frac{1}{2}$?
    A. $4\frac{4}{9}$ B. 10   C. 20   D. 30

24. What is the perimeter of the figure below ?

    127cm

    40cm

    A. 334cm   B. 292cm
    C. 250cm   D. 167cm

25. Work out :

Hour	Minutes
9	18
- 7	55

    A. 1hr 23mm   B. 2hr 23min
    C. 2hr 43min   D. 1hr 43mm
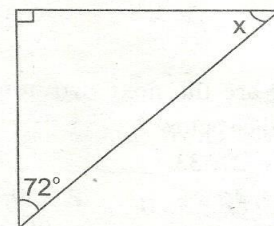
26. Work out : 420.78 - 14.379 + 85.2
    A. 491.601   B. 321.201
    C. 490.701   D. 320.201

27. Osuji bought three pairs of trousers for sh.975. He sold them each at sh.400. What profit did he get ?
    A. Sh.1200   B. Sh.225
    C. Sh.250   D. Sh.325

28. Calculate the value of the angle marked x in the figure below.

    72°   x

    A. 108°   B. 38°   C. 28°   D. 18°

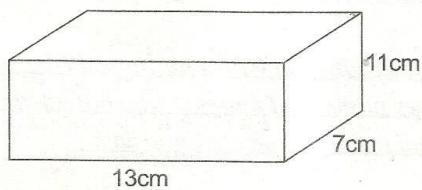CAT 003   2   MATHS STD. 6

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29. What is the value of $\sqrt{3\frac{1}{16}}$?

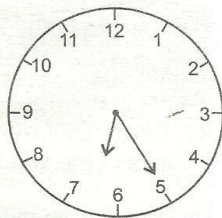   A. $\frac{7}{32}$ B. $1\frac{3}{4}$ C. $\frac{4}{7}$ D. $9\frac{97}{256}$

30. Arrange the following from the smallest to the largest. $\frac{3}{5}, \frac{3}{4}, \frac{5}{7}, \frac{2}{3}$

   A. $\frac{5}{7}, \frac{2}{3}, \frac{3}{5}, \frac{3}{4}$ B. $\frac{2}{3}, \frac{3}{5}, \frac{5}{7}, \frac{3}{4}$

   C. $\frac{3}{5}, \frac{2}{3}, \frac{5}{7}, \frac{3}{4}$ D. $\frac{3}{4}, \frac{5}{7}, \frac{2}{3}, \frac{3}{5}$

31. Calculate the volume of the cuboid below.

   A. 1001cm³   B. 622cm³
   C. 143cm³   D. 91cm³

32. Sharone wake up 40 minutes before the time shown on the clockface below. At what time did she wake up in the morning ?
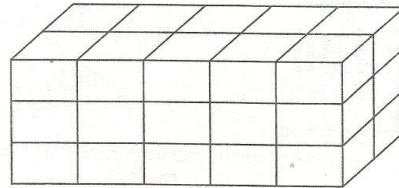

   A. 7.15a.m   B. 5.45p.m
   C. 7.15p.m   D. 5.45a.m

33. Write 103m 72cm to the nearest metres.
   A. 104m   B. 103m
   C. 103m 70cm   D. 104m 70m

34. What is the area of a square whose perimeter is 28cm ?
   A. 49cm²   B. 784cm²
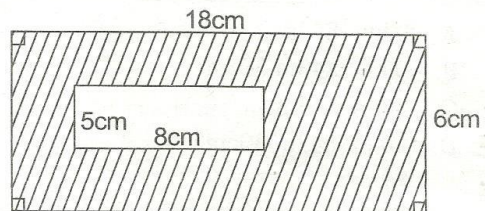   C. 56cm²   D. 112cm²

35. How many small cubes are there in the stack below ?

   A. 60   B. 30   C. 36   D. 24

36. What is the GCD of 12, 24 and 36 ?
   A. 72   B. 36   C. 12   D. 6

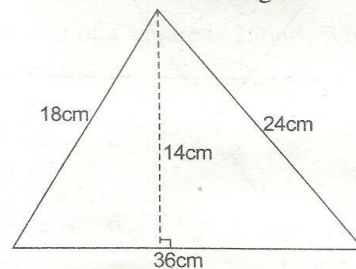37. What is the area of the shaded part in the diagram below ?

   A. 108cm²   B. 40cm²
   C. 68cm²   D. 148cm²

38. What is the difference between 8^2 and $\sqrt{100}$?
   A. 74   B. 64   C. 54   D. 26

39. Write 39 in Roman numbers.
   A. XXXIX   B. XLIX
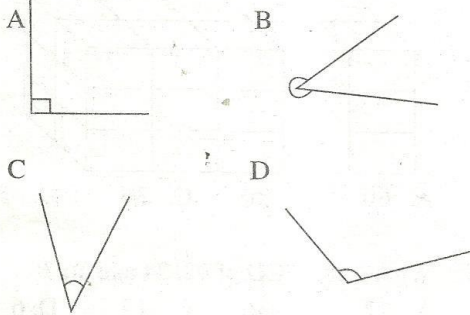   C. XXIX   D. LXIX

40. What is the area of the figure below ?

   A. 162cm²   B. 216cm²
   C. 252cm²   D. 504cm²

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41. Which one of the following below is a reflex angle ?

42. Work out: 8km 710m 75cm
    x 4

    A. 32km 843m
    B. 32km 843m 30cm
    C. 34km 843m
    D. 34km 843m 30cm

43. Akinyi bought the following items from a shop:
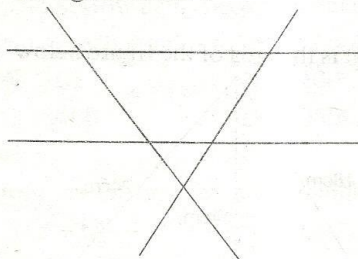   2kg of rice @ sh.110
    2½kg of sugar @ sh.90
    2kg of wheat flour for sh.270
    How much did she spend altogether ?
    A. Sh.470   B. Sh.985
    C. Sh.580   D. Sh.715

44. How many points of intersection are there in the figure below ?

    A. 4   B. 5   C. 6   D. 7

45. Convert $8\frac{4}{5}$ kg into grammes.
    A. 8400g   B. 8700g
    C. 8800g   D. 8450g

46. Work out: 715 x 83
    A. 59435   B. 58435
    C. 59345   D. 59335
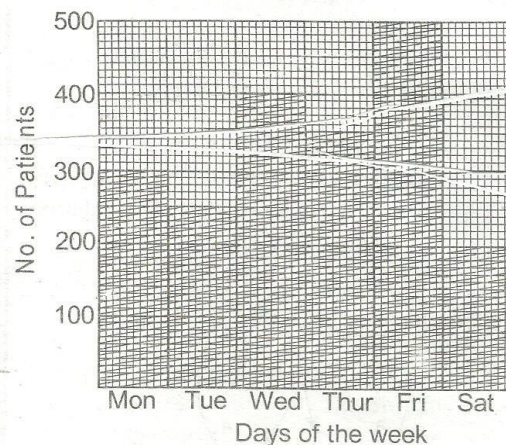
47. What is $3\frac{1}{3} + 5\frac{5}{6}$
    A. $8\frac{1}{6}$ B. $9\frac{5}{6}$ C. $9\frac{1}{6}$ D. $9\frac{3}{5}$

48. A shopkeeper sells 75 eggs per day. How many eggs does he sell in three weeks ?
    A. 2250   B. 1125
    C. 1575   D. 1500

Use the graph below for questions 49-50. It shows number of patients who attended hospital from Monday to Saturday.

49. How many more patients attended the hospital on Friday than on Monday ?
    A. 200   B. 500
    C. 700   D. 800

50. What is the total number of patients who attended the hospital from Monday to Saturday ?
    A. 2000   B. 1800
    C. 1300   D. 900

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