# STANDARD FIVE- 2018

MATHEMATICS

Time: 2hrs

1. What is **500604** in words?
   A. Five hundred thousand and sixty four.
   B. Five hundred and six thousand and four.
   C. Five hundred thousand six hundred and four.
   D. Fifty thousand six hundred and four.

2. What is the place value of digit **5** in the number **735237**?
   A. Thousands
   B. Ten thousands
   C. Hundreds
   D. 5000

3. Round off **99785** to the nearest hundred.
   A. 99000
   B. 99800
   C. 10000
   D. 99700

4. How many $\frac{1}{2}$ litres are there in **6** litres?
   A. 6
   B. 12
   C. 3
   D. 60

5. The area of the rectangle drawn below is **792cm²**. The length is **36cm**. Find the width.

   36cm
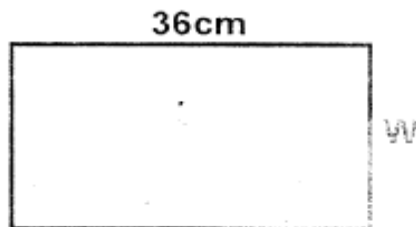
   A. 22cm
   B. 44cm
   C. 42cm
   D. 378cm

6. What is $^{99}/_5$ in a mixed number?
   A. $19^4/_5$
   B. $19^5/_4$

   C. $5^4/_{19}$
   D. $4^5/_{19}$

7. What is the G.C.D. of **18, 24** and **36**?
   A. 12
   B. 72
   C. 6
   D. 36

8. What is the area of the triangle below?
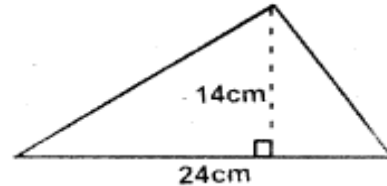

   A. 216cm²
   B. 360cm²
   C. 270cm²
   D. 168cm²

9. Work out the L.C.M. of **36, 48** and **72**.
   A. 144
   B. 288
   C. 72
   D. 12

10. What is the product of **209** and **9**?
    A. 1818
    B. 1781
    C. 18881
    D. 1881

11. Which one of the following number is divisible by **9**?
    A. 813
    B. 2229
    C. 7182
    D. 1999

12. What is the total value of digit **3** in **24.735**?
    A. 0.003
    B. 0.3
    C. 0.03
    D. 24.03

13. Kamau had **four hundred thousand nine hundred and seventy five shillings**. He used **shs. 86200** to buy a radio. How much did he remain with?
    A. shs. 487175
    B. shs. 313775
    C. shs. 314775
    D. shs. 315775

14. Subtract **9979** from **110257**?
    A. 100278
    B. 100378
    C. 10278
    D. 10388

15. Convert **0.075** into fraction in simple form.
    A. $^3/_4$
    B. $^{30}/_4$

    C. $^3/_{40}$
    D. $^3/_{400}$

16. What is the next number in the sequence below?

    11, 13, 16, 21, 28, _____

    A. 37   B. 36

    C. 39   D. 38

17. What is the area of the rectangle below?

    7.5cm [rectangle]

    13.2cm
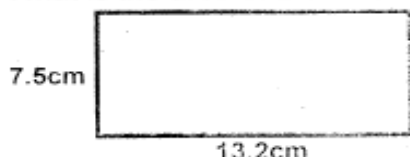
    A. 41.4cm²

    B. 9.90cm²

    C. 99cm²

    D. 90.9cm²

18. Add **48376 + 7324 + 349**

    A. 55949   B. 56049

    C. 46049   D. 56149

19. A lorry carried **425** packets of sugar per trip. How many packets did it carry in 17 trips?

    A. 7225   B. 7125

    C. 442   D. 408

20. Which one is not a multiple of **9**?

    A. 63   B. 54

    C. 27   D. 89

21. Complete the prime factor tree drawn below.

    216

    2   M

    N   36

    2   18

    3   P
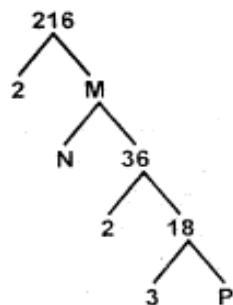
	M	N	P
A.	108	6	3
B.	54	2	3
C.	108	27	2
D.	108	3	6

22. Which one of the digits in the number 7.358 is in the hundredths place value?

    A. 7   B. 3

    C. 5   D. 8

23. Work out the area of the square below.

    [square figure]

    29cm
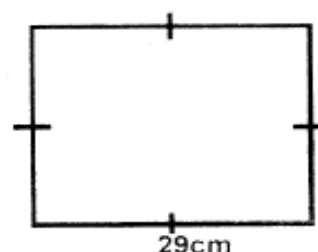
    A. 841cm²   B. 116cm²

    C. 464cm²   D. 849cm²

24. What is $7\frac{5}{7}$ in improper fraction?

    A. $\frac{49}{5}$ B. $\frac{54}{7}$

    C. $\frac{7}{54}$ D. $\frac{75}{7}$

25. Work out **48 + 0.5 + 5.73 =**

    A. 62.60

    B. 54.23

    C. 542.3

    D. 58.73

26. Divide **24km 12m ÷ 9**

    A. 1km 668m

    B. 2km 658m

    C. 2km 608m

    D. 2km 668m

27. What is the area of the shaded part in the figure below?

    12cm [figure]

    16cm
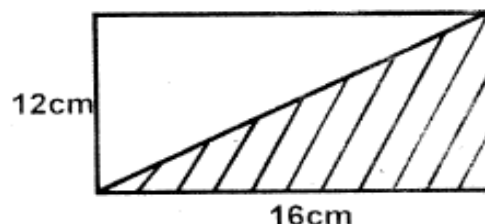
    A. 192cm²

    B. 56cm²

    C. 84cm²

    D. 96cm²

28. Work out $\frac{3}{5} + \frac{7}{8} =$

    A. $1\frac{19}{40}$

    B. $\frac{10}{13}$

    C. $1\frac{9}{40}$

    D. $19\frac{1}{40}$

29. What is the sum of all even numbers between **11** and **19**?
    A. 56
    B. 64
    C. 45
    D. 60

30. How many minutes are in $4^2/_3$ hours?
    A. 280 minutes
    B. 440 minutes
    C. 240 minutes
    D. 44 minutes

31. Divide $29\overline{)1102}$
    A. 39
    B. 34
    C. 38
    D. 308

32. Work out $3 - 1^3/_4 =$
    A. $2^1/_4$

    B. $1^3/_4$

    C. $2^1/_2$

    D. $1^1/_4$

33. Mary has **90** mangoes. Both Mary and her sister have **150** mangoes. How many mangoes does her sister have?
    A. 60
    B. 240
    C. 50
    D. 70

34. What is $^2/_5$ of **75** =
    A. 15   B. 150
    C. 30   D. 50

35. Work out: **hrs   min   sec**
    　　　　　　　15   15   15
    　　　　　　　x_____6
    　　　　　　　_____

    A. 90hrs 31min 30sec
    B. 91hrs 30min 30sec
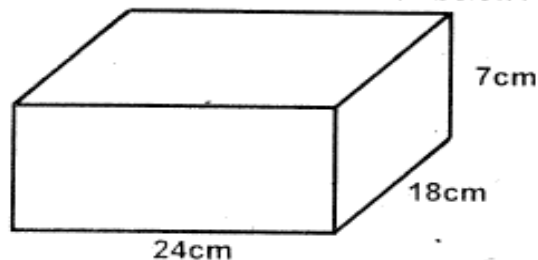   C. 90hrs 30min 90sec
    D. 91hrs 31min 30sec

36. Which number comes just before **3990**.
    A. 3991   B. 3989
    C. 3999   D. 3990

37. Work out $3^1/_4 + 2^3/_8 =$
    A. $5^5/_8$

    B. $8^5/_5$

    C. $5^4/_8$

    D. $4^5/_8$

38. What is the volume of the box below?

    7cm
    18cm
    24cm

    A. 324cm³
    B. 3024cm²
    C. 49cm³
    D. 3024cm³

39. Work out:
    2851 + 3726
    A. 5577
    B. 5677
    C. 6577
    D. 6657

40. Subtract:　　　km　　　m
    　　　　　　　　9　　　　5
    　　　　　　　-3　　　　645
    　　　　　　　_____

    A. 6km 360m
    B. 5km 360m
    C. 6km 640m
    D. 5km 640m

41. Which fraction below is equivalent to $^3/_8$?
    A. $^6/_{24}$

    B. $^{15}/_{40}$

    C. $^{12}/_{30}$

    D. $^6/_{18}$

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42. The perimeter of the square below is **152**cm. What is the measure of one side?

P = 152cm
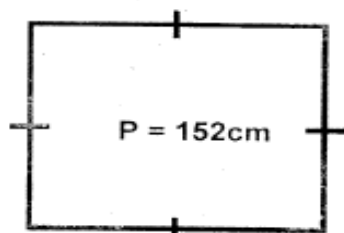
A. 76cm
B. 35cm
C. 42cm
D. 38cm

43. Subtract:

5318
- 2605
_____

A. 2713
B. 3713
C. 2613
D. 2703

44. How many hours are there between **7a.m.** and **1p.m?**
A. 6hrs
B. 5hrs
C. 7hrs
D. 8hrs

45. Kamande weighs **65**kg. Jane weighs **8kg** more than Kamande. What is their total weight altogether?
A. 73kg
B. 57kg
C. 138kg
D. 122kg
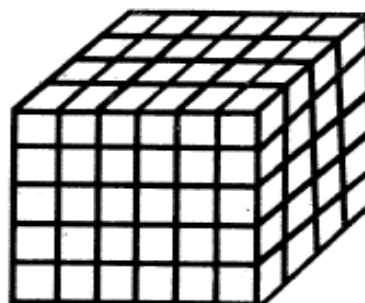
46. What is the time shown on the clock face below?

A. Quarter past eight
B. Quarter to eight
C. Twenty minutes to three
D. Twenty minutes past three

47. Galama had **605** goats. **298** died out of a disease. He later bought **345** more goats. How many goats did he have at the end?
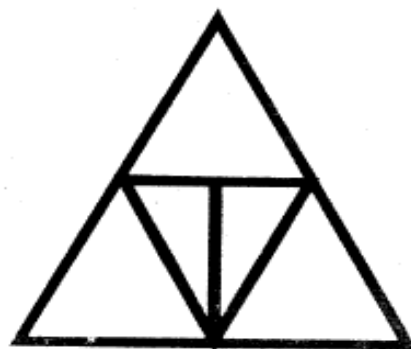A. 307
B. 652
C. 558
D. 605

48. How many cubes make the stack below?

A. 74
B. 144
C. 84
D. 120

49. How many triangles are there in the figure below?

A. 5
B. 6
C. 7
D. 8

50. Which one of the angles below is an obtuse angle?

A.

B.

C.

D.