SCHOOL BASED ASSESSMENT TEST
STANDARD 5 - YEAR 2021
MATHEMATICS

⑤

STEP FLYER (007)

Time : 2 Hours

READ THESE INSTRUCTIONS CAREFULLY.
1. You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
2. Make sure that you have written on the answer sheet.

1. Write nine hundred and two thousand eight hundred and eight in numerals.
   A. 90288
   B. 902808
   C. 92808
   D. 9020808

2. What is the place value of digit 8 in the number 98534?
   A. Ten thousands
   B. Thousands
   C. Hundreds
   D. Tens

3. Round off 7520 to the nearest 100
   A. 8000
   B. 7600
   C. 7500
   D. 760

4. **Subtract** 979 from 7032
   A. 6063
   B. 6053
   C. 7053
   D. 6153

5. **Work out:**
   $323 \div 20 =$
   A. 15 rem 30
   B. 16 rem 30
   C. 30 rem 23
   D. 16 rem 3

6. Which one of the following is a prime number?
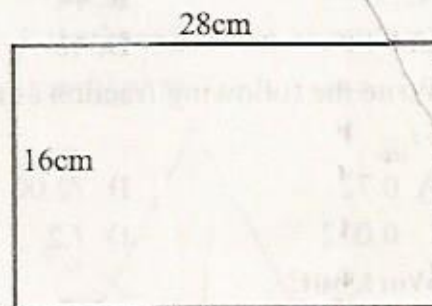   A. 51
   B. 39
   C. 49
   D. 97

7. **Add**

km	m
3	500
+6	700

   A. 9km 200m
   B. 10km 300m
   C. 11km 300m
   D. 10km 200m

8. Which set of numbers is divisible by 10, 5 and 2?
   A. 20, 60, 80
   B. 35, 40, 42
   C. 35, 40, 45
   D. 22, 27, 30

9. Find the area of the figure drawn below.

   28cm

   16cm

   A. 448cm²
   B. 168cm²
   C. 128cm²
   D. 88cm²

10. Which one of the following is a prime number?
    A. 39
    B. 13
    C. 27
    D. 25

11. **Subtract**
    $13 - 9.63$
    A. 3.37
    B. 3.43
    C. 4.63
    D. 9.50

12. What is the approximate mass of a class five pupil?
    A. 100kg
    B. 90kg
    C. 15kg
    D. 40kg

13. Change $8\frac{2}{3}$ to an improper fraction.
    A. $\frac{26}{3}$
    B. $\frac{19}{3}$
    C. $\frac{27}{3}$
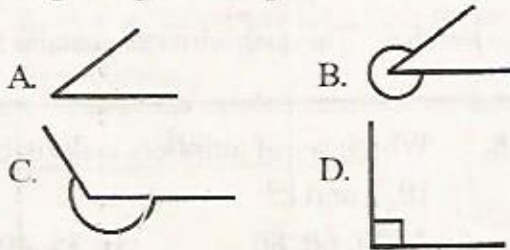   D. $\frac{24}{3}$

14. Find the LCM of 4, 6 and 12
    A. 48
    B. 24
    C. 6
    D. 12

15. Solve the equation:

x + 6 = 18

A. 11   B. 3

C. 12   D. 24

16. Which one of the following figures shows a right angled triangle?

A.

B.

C.

D.

17. Write XLIV in Hindu /Arabic

A. 56   B. 44

C. 54   D. 46

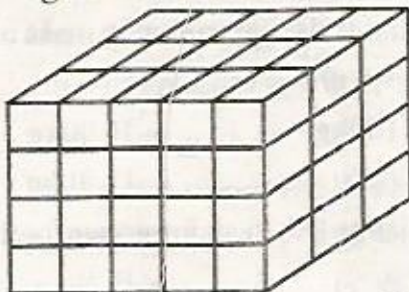18. Write the following fraction as a decimal.

$72/_{100}$

A. 0.72   B. 72.00

C. 0.072   D. 7.2

19. Work out:

Hrs	min
7	20
-3	42

A. 3 hours   32 minutes.

B. 3 hours   42 minutes.

C. 4 hours   38 minutes.

D. 3 hours   38 minutes.

20. How many cubes are arranged in the figure below?

A. 60   B. 30

C. 12   D. 15

21. Change $3^1/_4$ litres into millilitres.

A. 3250ml   B. 3500ml

C. 3400ml   D. 341000ml

22. Find the next number in the pattern below

31, 29, 27, 25_____

A. 17   B. 21
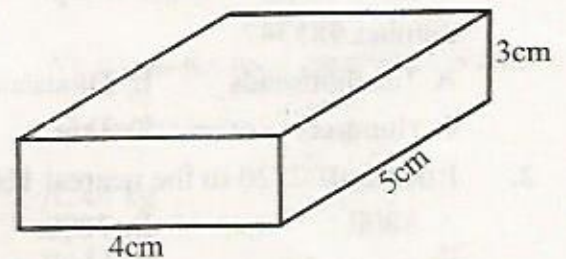
C. 23   D. 20

23. Simplify

8m + 2m - 11m + 9m=

A. 8m   B. 20m

C. 11m   D. 7m

24. What is the GCD of

9, 24, 18 ?

A. 36   B. 72

C. 3   D. 6

25. What is the volume of the figure below?

3cm

5cm

4cm

A. 60cm³   B. 20cm³

C. 90cm³   D. 12cm³

26. Work out:

143 x 0.5

A. 71.5   B. 7.15

C. 715   D. 0.715

27. Omwanga was told to subtract $^1/_6$ from $^1/_5$ What answer did he get?

A. $^{11}/_{30}$ B. $^1/_{11}$

C. $^1/_{30}$ D. $^{11}/_{30}$

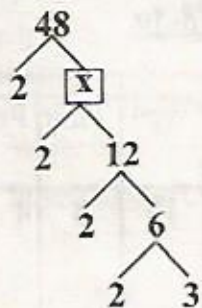28. The area of a rectangle is 60cm². The width is 5cm. Find the length of the rectangle.

A. 55cm   B. 24cm

C. 12cm   D. 65cm

29. A farmer planted 36 rows of coffee trees. If there were 98 trees in each row. How many coffee trees did he plant altogether?
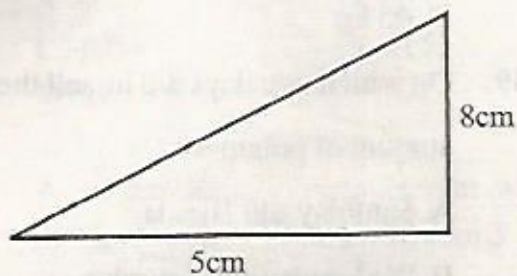
A. 4018   b. 3528

C. 134   D. 960

30. Convert $2\frac{1}{2}$ km into metres

A. 2050   B. 2500

C. 2005   D. 250

31. Find the value of x in the factor tree below

A. 24

B. 18

C. 20

D. 26

32. Express 90 as a product of its prime factors

A. 2 x 6 x 6 x 3

B. 3 x 6 x 10

C. 2 x 3 x 3 x 5

D. 2 x 2 x 3 x 5

33. Find the area of the triangle drawn below

A. 40cm²   B. 80cm²

C. 13cm²   D. 20cm²

34. Work out

0.357 + 1.9 + 3.25

A. 56. 25   B. 55.25

C. 5.625   D. 5.507

35. What is the place value of digit 6 in the number 6.345?

A. Tenths   B. Tens

C. Ones   D. Hundredths

36. Solve:

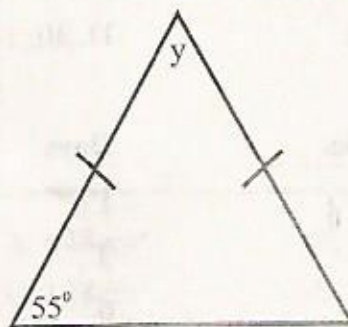| km	m	cm
4	310	36
x		6

A. 25km   862m   16cm

B. 27km   051m   35cm

C. 25km   860m   216cm

D. 25km   51m   30cm

37. Work out:

$3\frac{1}{4} - 1\frac{4}{5} =$

A. $\frac{29}{20}$ B. $1\frac{9}{20}$

C. $1\frac{19}{20}$ D. $\frac{19}{20}$

38. Calculate the value of angle **y** in the figure drawn below.
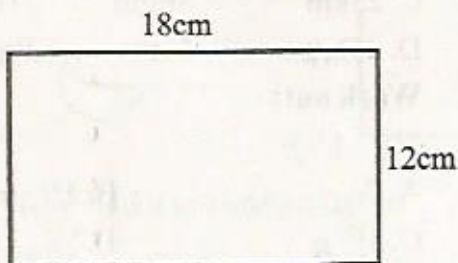

A. 70⁰   B. 35⁰

C. 40⁰   D. 50⁰

39. Write $\frac{16}{48}$ in its simplest form

A. $\frac{4}{12}$ B. $\frac{2}{6}$

C. $\frac{1}{3}$ D. $\frac{8}{24}$

40. Write 27 as a product of two odd numbers

A. 9x 4   B. 8x3

C. 7x 3   D. 9 x 3

41. Arrange the fractions $\frac{3}{4}, \frac{5}{9}, \frac{7}{18}, \frac{1}{2}$ from the smallest to the largest.

A. $\frac{1}{2}, \frac{7}{18}, \frac{5}{9}, \frac{3}{4}$ B. $\frac{3}{4}, \frac{5}{9}, \frac{1}{2}, \frac{7}{18}$

C. $\frac{7}{18}, \frac{1}{2}, \frac{5}{9}, \frac{3}{4}$ D. $\frac{5}{9}, \frac{3}{4}, \frac{1}{2}, \frac{7}{18}$

42. The length of one side of a square plot of land is 12cm. What is the area of the plot?

    A. 24cm²   B. 121cm²

    C. 100cm²   D. 144cm²

43. Work out the perimeter of the rectangle drawn below.

    18cm

    12cm

    A. 60cm   B. 216

    C. 36   D. 30

44. **Add**

Weeks	**Days**
2	1
+ 4	3
3	6

    A. 10 weeks   0 days

    B. 10 weeks   3 days

    C. 11 weeks   3 days

    D. 9 weeks   10 days

45. Bondo bought the following items:

    5kgs of onions @ sh 70

    30kg of potatoes @ sh 45

    4kgs of meat @ sh 510

    How much money did he pay altogether?

    A. Sh 2740   B. Sh 625

    C. Sh 905   D. Sh 3740

46. Solve for x in the following:

    x + 5 = 12

    A. 17   B. 6

    C. 7   D. 8

47. How many $^1/_2$ litres are there in 8 litres?

    A. 10   B. 16

    C. 32   D. 4

The table below shows the number of kgs of potatoes sold by a farmer in one week. Use it to answer questions 48-50.

Days of the week	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Number of kilograms sold	2	8	10	8	4	7	5

48. What was the total number of potatoes sold in the week?

    A. 44 kg

    B. 43 kg

    C. 42 kg

    D. 45 kg

49. On which two days did he sell the same amount of potatoes?

    A. Saturday and Tuesday

    B. Wednesday and Saturday

    C. Tuesday and Thursday

    D. Sunday and Friday

50. On which day did the farmer sell the least number of potatoes?

    A. Wednesday

    B. Monday

    C. Friday

    D. Sunday