

MATHEMATICS PAPER

CLASS FIVE

2015

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MATHEMATICS

Time: 2 hours

1. Subtract seventy eight thousand two hundred and twenty two from ninety thousand four hundred and eighty and answer in symbols?
A. 12 258 B. 11 258
C. 11 268 D. 22 258
2. What is the place value of digit 8 in the number 68 734?
A. Tens B. 80 000
C. Thousands D. Hundreds
3. Add:
 $9 + 46\,288 + 576$
A. 46 863 B. 46 873
C. 46 773 D. 46 753
4. Round off 9846 to the nearest hundreds
A. 9 800 B. 9 900
C. 9 850 D. 10 000
5. Which of these numbers is divisible by 2 and 5?
A. 170 B. 185
C. 4 D. 75
6. Simplify:
 $14y + 6p + 2p + 8y + 12p$
A. $12y + 14p$
B. $20y + 22p$
C. $22y + 20p$
D. $22y + 18p$
7. One shirt takes 30 minutes to dry. How many minutes will 5 similar shirts take to dry?
A. 150 min
B. 6 min
C. 35 min
D. 30 min
8. Work out:
 $12\frac{5}{9} - 3\frac{2}{9}?$
A. $15\frac{7}{9}$ B. $9\frac{1}{3}$
C. $9\frac{7}{9}$ D. $15\frac{3}{9}$
9. Total cost of 12kg of sugar is sh.1 296. What is the cost of 3kg of sugar?
A. 108 B. 18
C. 324 D. 216
10. Write the next number in the pattern
0, 4, 8, 12, 16 _____, _____
A. 20, 22 B. 18, 24
C. 22, 26 D. 20, 24
11. Onyango has 28 eggs, his father gave him 21 more eggs. How many eggs does Onyango have? (answer in Roman numbers).
A. XXXXIX B. XLIV
C. XLXI D. XLVIII
12. What is the perimeter of a rectangle of length 12cm and width 10cm?
A. 34cm B. 120cm
C. 44cm D. 88cm
13. A family consumes 2 litres of milk everyday. How many litres will the family use in the month of July and August?
A. 124 litres
B. 62 litres
C. 61 litres
D. 122 litres
14. Which of the following is NOT a prime number?
A. 2 B. 13
C. 15 D. 17

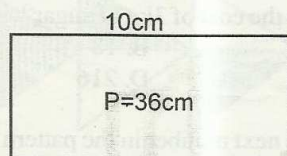
15. Give an equivalent fraction of $\frac{8}{32}$

- A. $\frac{1}{4}$ B. $\frac{16}{48}$
C. $\frac{24}{64}$ D. $\frac{1}{16}$

16. Work out 2.341×7

- A. 16.87 B. 16.387
C. 163.87 D. 1.6387

17. The perimeter of the figure below is 36cm.
If its length is 10cm, find its width



- A. 13cm B. 16cm
C. 18cm D. 8cm

18. Write $\frac{3}{100}$ as a decimal.

- A. 0.03 B. 0.3
C. 0.003 D. 0.33

19. Which of the following is a multiple of 4, 5 and 6?

- A. 20 B. 30
C. 24 D. 60

20. Arrange from smallest to largest

- $\frac{1}{4}, \frac{1}{2}, \frac{3}{4}, \frac{1}{5}$
A. $\frac{1}{5}, \frac{1}{4}, \frac{3}{4}, \frac{1}{2}$
B. $\frac{1}{5}, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}$
C. $\frac{1}{2}, \frac{1}{4}, \frac{3}{4}, \frac{1}{5}$
D. $\frac{1}{2}, \frac{3}{4}, \frac{1}{4}, \frac{1}{5}$

21. Nicole bought 1kg of meat for sh. 350, a loaf of bread for sh. 30. She paid using sh. 500. How much balance did she get?

- A. Sh.420 B. Sh80
C. Sh.150 D. Sh.70

22. A lorry covered 255km in 5 hours. How far did it travel in one hour?

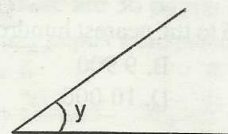
- A. 51km B. 250km
C. 1275km D. 45 km

23. Divide:

$$7 \overline{) 9 \text{ km } 463 \text{ m } 37 \text{ cm}}$$

- A. 1km 351m 91cm
B. 1km 350m 91cm
C. 1km 66m 19cm
D. 12km 361m 91cm

24. Name the angle shown



- A. Right B. Acute
C. Obtuse D. Reflex

25. Add:

$$0.21 + 3.001 + 43.301$$

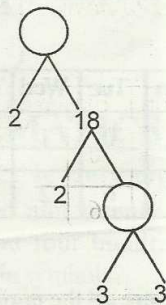
- A. 46.323 B. 75.411
C. 45.612 D. 46.512

26. Work out:

Weeks	Days
21	2
- 4	6

- A. 16 weeks 3 days
B. 16 weeks 6 days
C. 17 weeks 6 days
D. 26 weeks 1 day

27. Complete the factor tree



- A. 54, 9 B. 9, 3
C. 36, 9 D. 72, 9
28. What is the approximate height of your classroom door?
A. 20cm B. 100mm
C. 2.0m D. 1.5km
29. Find the area of the figure below.
-
- A. 74cm B. 236cm²
C. 74cm² D. 336cm²
30. What is the next multiple of 12 after 144?
A. 132 B. 156
C. 146 D. 288
31. Convert into decimals $\frac{7}{8}$
A. 0.875 B. 0.88
C. 87.5 D. 1.142
32. Work out: $3 \times 10\frac{2}{3} =$
A. $30\frac{2}{3}$ B. 32
C. 30 D. 96
33. What is the total value of digit 6 in 286453?
A. 60 B. 286000
C. 600 D. 6000

34. Find the LCM of 6, 9, 12

A. 3 B. 12
C. 36 D. 72

35. Write in symbols:

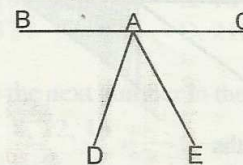
Eighty four thousand eight hundred and forty eight.

A. 84048 B. 84448
C. 84848 D. 8848

36. Which of these numbers is divisible by 3, 6 and 9?

A. 369 B. 186
C. 222 D. 108

37. Name the point of intersection



A. D B. C
C. B D. A

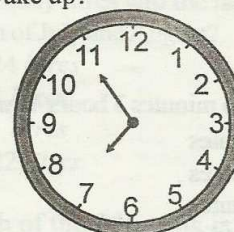
38. In a farm there are 4900 cabbage plants in rows. In each row there are 50 plants. How many rows are there?

A. 980 B. 4850
C. 98 D. 4950

39. Two chairs costs sh.120. How much did Owino pay if he bought 5 chairs?

A. Sh.300 B. Sh.600
C. Sh. 24 D. Sh.1200

40. Mwaura woke up 45 minutes after the time shown on the clockface. At what time did he wake up?



A. 20 minutes past 8 o'clock
B. 5 minutes to 7 o'clock
C. 55 minutes past 6 o'clock
D. 20 minutes to 8 o'clock

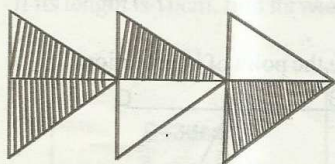
41. What is the area of a square of side 16cm?

- A. 32cm^2 B. 256cm^2
C. 64cm^2 D. 4cm^2

42. Select the largest fraction.

- A. $\frac{1}{2}$ B. $\frac{1}{6}$
C. $\frac{1}{9}$ D. $\frac{1}{100}$

43. What is the unshaded fraction?



- A. Four sixths
B. Two sixths
C. Two fifths
D. Three fifths

44. $\square \div 12 = 3004$

- A. 250.33
B. 3648
C. 36048
D. 3016

45. How many days are there in the last three months of the year?

- A. 91
B. 92
C. 90
D. 31

46. Convert into minutes 3 hours 48 minutes

- A. 228 minutes
B. 180 minutes
C. 144 minutes
D. 16 minutes

Use the table below to answer questions 47 to 49

Days		Mon	Tue	Wed	Thurs	Fri
No. of pupils	Boys	5	0	1	3	0
absent	Girls	3	6	2	1	0

47. On which day were all the pupils present?

- A. Tuesday
B. Monday
C. Wednesday
D. Friday

48. Which day had the highest number of absent pupils?

- A. Tuesday
B. Monday
C. Friday
D. Thursday

49. If there are 36 pupils in the class. How many pupils were present on Tuesday?

- A. 6 B. 21
C. 30 D. 42

50. What is the next shape in the pattern?

