

OPENER STD 5 TERM 2 2020

MATHEMATICS

NAME.....

Learner's Number

Gender Boy

Girl

County name County code

Sub county name Sub county code

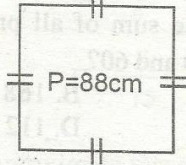

School name School code

The grid below is to be filled by the teacher after marking the learner's work

	Level 1	Level 2	Level 3	Level 4
Numbers 1-15				
Measurement 16-23				
Geometry 24-25				

MATHEMATICS

Time: 2 hours

- Which is the place value of digit 0 in 470 236 ?
A. Hundreds B. Tens
C. Thousands D. Tensands
- Work out $90 + 237 + 2\ 780$
A. 3 007
B. 3 107
C. 2 907
D. 14 150
- Write six hundred and six thousand and six in symbols?
A. 66 006 B. 60 066
C. 600 606 D. 606 006
- What is $\frac{21}{63}$ in it's simplest form?
A. $\frac{1}{3}$ B. $\frac{3}{9}$
C. $\frac{7}{9}$ D. $\frac{3}{7}$
- Round off 19 990 to the nearest hundreds.
A. 19 000 B. 19 900
C. 19 990 D. 20 000
- There were 460 000 locusts, 304 500 of them were killed. How many locusts were left?
A. 764 500
B. 155 500
C. 166 500
D. 156 500
- Find the quotient of 27 072 and 9.
A. 38 B. 308
C. 3 008 D. 380
- Find the next in the pattern
9, 13, 17, 21, 25, _____
A. 29 B. 4
C. 26 D. 31
- Find the length of a square whose perimeter is 88cm.

A. 44cm B. 484cm
C. 352cm D. 22cm
- What is the H.C.F of 12, 18 and 36?
A. 36 B. 6
C. 3 D. 9
- Take away $\frac{7}{12}$ from 1.
A. $\frac{6}{12}$ B. $\frac{5}{12}$
C. $1\frac{5}{12}$ D. $1\frac{7}{12}$
- Change 54m and 4cm into centimetres.
A. 5 404 B. 544
C. 5 440 D. 54 004
- Write $\frac{37}{1000}$ as a decimal.
A. 0.037 B. 0.37
C. 37.1000 D. 3.7
- What is the perimeter of the rectangle below?

A. 54cm B. 84cm
C. 108cm D. 168cm

15. Express $4\frac{3}{5}$ as an improper fraction.

- A. $\frac{20}{5}$ B. $\frac{23}{7}$
 C. $\frac{5}{23}$ D. $\frac{12}{5}$

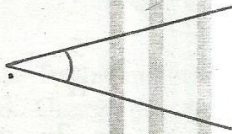
16. What is the sum of all prime numbers between 50 and 60?

- A. 110 B. 168
 C. 225 D. 112

17. A number is divisible by 6 if the

- A. last digit is an even number.
 B. number is divisible by both 2 and 3.
 C. sum of the digits is divisible by 9.
 D. last digit is 6.

18. Name the angle



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

19. How many $\frac{1}{4}$ litres packets can be obtained from 16 litres?

- A. 64 B. 4
 C. 20 D. 12

20. Work out: $\frac{2}{3} + \frac{1}{6}$

- A. $\frac{3}{6}$ B. $\frac{3}{9}$
 C. $\frac{4}{6}$ D. $\frac{5}{6}$

21. How many days are in the last quarter of a leap year?

- A. 91 B. 90
 C. 92 D. 89

22. Weeks Days

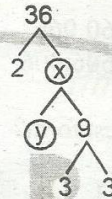
8	2
- 4	6

- A. 3 weeks 3 days
 B. 3 weeks 6 days
 C. 4 weeks 3 days
 D. 4 weeks 4 days

23. What is the place value of digit 2 in 8.32?

- A. Ones.
 B. Hundreds.
 C. Tenths.
 D. Hundredths.

24. Complete the factor tree.



- Y X
 A. 2 18
 B. 18 2
 C. 2 3
 D. 3 2

25. Work out $\frac{2}{3}$ of 24

- A. 8 B. $\frac{2}{3}$
 C. 16 D. 21

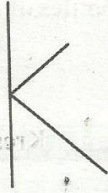
26. A farmer planted 45 seedlings in one row. If he had 1 305 seedlings, how many rows did he plant?

- A. 21
 B. 1 260
 C. 1 350
 D. 29

27. Find the missing number. $\frac{4}{?} = \frac{24}{54}$

- A. 6 B. 9
 C. 18 D. 50

28.



How many points of intersections are in the figure above?

- A. 5 B. 1
C. 4 D. 3

29. Which of the following numbers is NOT a prime number?

- A. 13 B. 2
C. 23 D. 21

30. What is the L.C.M of 6, 9 and 18?

- A. 3 B. 18
C. 36 D. 33

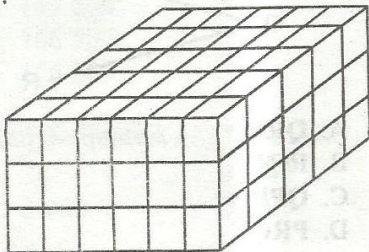
31. Write 19 in Roman numerals?

- A. ZVIII, B. XVIX
C. XIX D. XXI

32. Arrange the following fractions from the largest to smallest.

- $\frac{5}{6}, \frac{2}{3}, \frac{1}{2}, \frac{3}{4}$
A. $\frac{5}{6}, \frac{3}{4}, \frac{2}{3}, \frac{1}{2}$ B. $\frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \frac{5}{6}$
C. $\frac{5}{6}, \frac{2}{3}, \frac{3}{4}, \frac{1}{2}$ D. $\frac{2}{3}, \frac{5}{6}, \frac{3}{4}, \frac{1}{2}$

33. How many cubes are used to form the stack below?



- A. 63
B. 90
C. 30
D. 48

34. A church bus carries 52 people. How many people will 79 such buses carry?

- A. 4 108 B. 3 808
C. 3 998 D. 131

35. Add: $2\frac{3}{5} + 1\frac{1}{3}$

- A. $3\frac{14}{15}$ B. $3\frac{4}{8}$
C. $3\frac{1}{2}$ D. $3\frac{4}{15}$

36. What is the approximate mass of a Std. 4 pupil?

- A. 30g B. 30kg
C. 300kg D. 90kg

37. Write 144 as sum of two odd numbers.

- A. 120 + 24 B. 84 + 60
C. 85 + 59 D. 72 + 72

38.	sh	ct
	98	75
	+ 71	85

- | | | |
|----|--------|-----|
| A. | Sh | ct |
| | 169 | 160 |
| | B. 170 | 50 |
| | C. 170 | 60 |
| | D. 169 | 150 |

39. Which of the following sets of numbers is divisible by 2 and 5 only?

- A. 10, 15, 25
B. 28, 30, 45
C. 36, 40, 50
D. 20, 60, 90

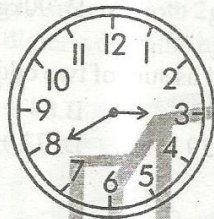
40. Complete $\frac{1}{3}$ _____ $\frac{1}{4}$

- A. greater than
B. equal to
C. less than
D. smaller than

41. Kate have V sweets while Matu have M sweets. How many sweets do they have altogether?
 A. $M + V$
 B. $V - M$
 C. $M \times V$
 D. $V \div M$

42. Change 5 000ct into shillings.
 A. Sh. 500
 B. Sh. 50
 C. Sh. 5
 D. Sh. 5 000

43. What is the time shown in the cock face below?



- A. Twenty minutes to 3 o'clock.
 B. Quarter past 8 o'clock.
 C. 40 minutes past 3 o'clock.
 D. Quarter past 7 o'clock.

44. Study the table below and use to answer questions 44 - 47.

Type of soda	Tally marks	No. of bottles
Fanta	### ### ### //	17
Krest	### ### //	14
Sprite	### /	6
Cocacola	### ###	10
Afia	_____	14

44. How many bottles of Krest were sold?
 A. 12
 B. 22
 C. 10
 D. 14

45. How many more Krests than Sprites were sold?
 A. 16
 B. 4
 C. 8
 D. 6

46. Which type of soda is LEAST liked?
 A. Fanta
 B. Afia
 C. Krest
 D. Sprite

47. Which tally mark BEST represents Afia?

A. ### ### //// B. #####

C. ##### //// D. ### ///

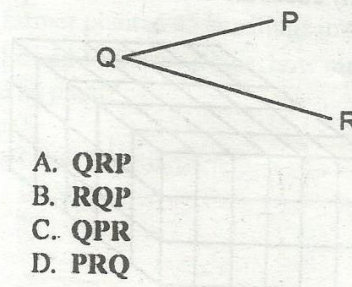
48. Express 54 as a product of its prime factors.

- A. 2×27
 B. 3×18
 C. $2 \times 3 \times 3 \times 3$
 D. $2 \times 3 \times 9$

49. What is the next multiple of 9 after 108?

- A. 99
 B. 112
 C. 109
 D. 117

50. Name the angle



- A. QRP
 B. RQP
 C. QPR
 D. PRQ