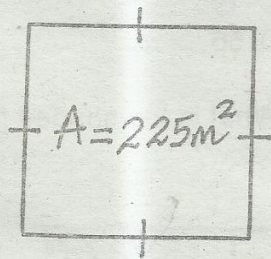


# MATHEMATICS

TIME: 2 HRS

1. Write eighty thousand four hundred and seventy four in symbols?  
A. 80474  
B. 8474  
C. 8447  
D. 7847
2. Round off 37946 to the nearest 100?  
A. 37000  
B. 37800  
C. 37940  
D. 37900
3. What is  $\frac{3}{4}$  of 32?  
A. 34  
B. 8  
C. 36  
D. 24
4. A mathematical set has 264 rubbers. How many rubber does 39 such sets have?  
A. 12960  
B. 10296  
C. 3046  
D. 11296
5. What is the length of one side of the square below whose area is  $225\text{m}^2$ ?



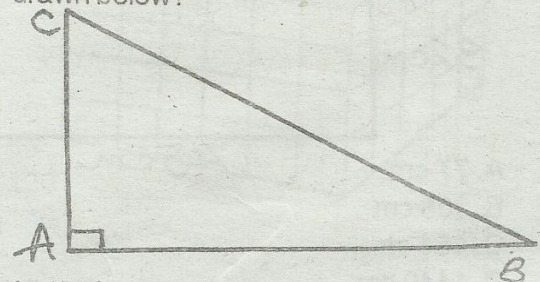
- A. 550m
- B. 25m
- C. 15 m
- D. 35m

6. Work out:-

$$2\frac{1}{5} + 3\frac{1}{2} =$$

- A.  $5\frac{2}{7}$
- B.  $10\frac{5}{7}$
- C.  $5\frac{7}{10}$
- D.  $7\frac{1}{2}$

7. Mr Jeff shared 875 shilling among 25 people. How many shillings did each person get?  
A. 35  
B. 45  
C. 21875  
D. 55
8. What is the place value of digit 8 in 53.384?  
A. Tenths  
B. Hundredths  
C. Thousandths  
D. Hundreds
9. Which one of the following is not a prime number?  
A. 37  
B. 51  
C. 17  
D. 29
10. What is the value of angle CAB in the figure drawn below?



- A.  $170^\circ$
- B.  $180^\circ$
- C.  $80^\circ$
- D.  $90^\circ$



11. There are 1343 pupils in Jude academy. If there are 499 boys. How many girls are in that school?

A. 844  
B. 744  
C. 944  
D. 834

12. Work out:-

m	cm
30	85
+ 21	90
<hr/>	

A. 51m 175 cm  
B. 52m 75 cm  
C. 52 m 175cm  
D. 51m 75cm

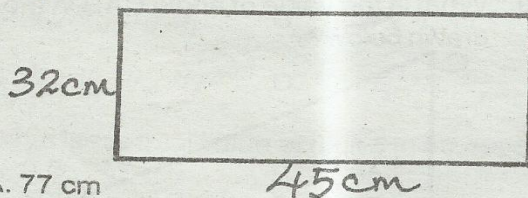
13. What is 0.42 as a fraction to it's simplest form?

A.  $\frac{42}{50}$   
B.  $\frac{21}{50}$   
C.  $\frac{42}{100}$   
D.  $\frac{21}{100}$

14. How many months are there in  $3\frac{1}{4}$  years?

A. 40  
B. 36  
C. 44  
D. 39

15. What is the distance round the figure drawn below?



A. 77 cm  
B. 308 cm  
C. 154 cm  
D. 1440 cm

16. Work out:-  $4468 + 3014 + 78 =$

A. 7650  
B. 7560  
C. 7482  
D. 7060

17. Which one of the following numbers is divisible by 3?

A. 942  
B. 431  
C. 285  
D. 905

18. What is 48 written in roman numbers?

A. LIII  
B. XLVIII  
C. XXXLV  
D. LVIII

19. What is the L.C.M of 12, 16 and 20?

A. 60  
B. 120  
C. 180  
D. 90

20. Write 24 as a product of prime numbers.

A.  $3 \times 4$   
B.  $6 \times 4$   
C.  $12 \times 3$   
D.  $24 \times 2$

21. Work out:-  $87.54 + 2.87 + 0.735 =$

A. 105.45  
B. 90.41  
C. 91.145  
D. 90.145

22. Convert  $7\frac{1}{4}$  to an improper fraction.

A.  $\frac{28}{4}$   
B.  $\frac{29}{4}$   
C.  $\frac{4}{29}$   
D.  $\frac{30}{4}$

23. How many  $\frac{1}{4}$  kg packets are there in 44 kilograms?

A. 176  
B. 11  
C. 86  
D. 76

24. What is the next number in the pattern?

45, 42, 37, 30, \_\_\_\_\_

A. 42  
B. 41  
C. 19  
D. 56

25. What is the shaded fraction in the figure below?





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

26. Mary shared 7600 bananas among 25 families. How many bananas did each family get?

- A. 34  
 B. 304  
 C. 340  
 D. 3.4

27. Which one of the following numbers comes just before 8000?

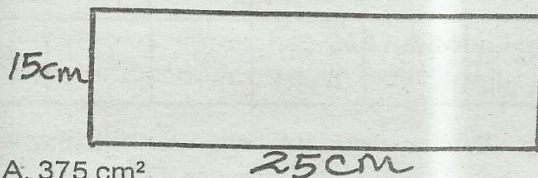
- A. 7999  
 B. 6999  
 C. 81000  
 D. 79900

28. Which of the following will make the statement written below correct?

3.14 \_\_\_\_\_ 31.4

- A. less than  
 B. greater than  
 C. equal to  
 D. same as

29. What is the area of the rectangle drawn below?



- A. 375 cm<sup>2</sup>  
 B. 275 cm<sup>2</sup>  
 C. 80 cm<sup>2</sup>  
 D. 120 cm<sup>2</sup>

30. Simplify  $15x + 12x - 7x =$

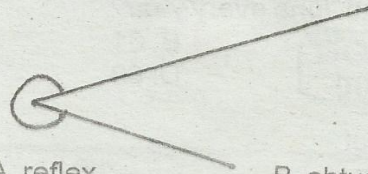
- A. 27 x  
 B. 20 x  
 C. 34 x  
 D. 30x

31. Work out:-

Weeks	days
2	3
x	4

- A. 8 wks 12 days  
 B. 8 wks 5 days  
 C. 9 wks 5 days  
 D. 9 wks 12 days

32. The angle drawn below is called



- A. reflex  
 C. acute  
 B. obtuse  
 D. right

33. Joy bought the following items from a shop.

- 3 kg of maize @ Sh 45

- 2 packets of milk @ Sh 50

- 1 bar of soap for Sh 120

How much money did she pay the shopkeeper?

- A. 455  
 C. 555  
 B. 355  
 D. 410

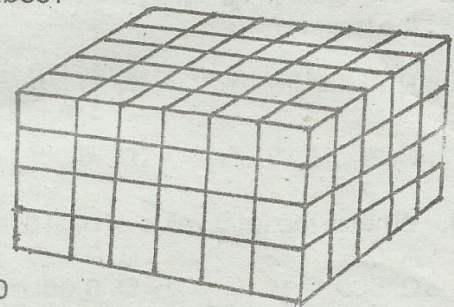
34. What is  $\frac{2}{12} \times 17 = ?$

- A. 34  
 B. 10 rem 2  
 C. 2 rem 10  
 D. 12 rem 10

35. Between 60 kg of stones and 70 kg of soil. Which one is heavier?

- A. Soil  
 B. Same  
 C. Stones  
 D. Stones and soil

36. What is the volume of the cuboid made by the cubes?



- A. 80  
 B. 60  
 C. 120  
 D. 140

37. What is  $\frac{65}{100}$  as a decimal?

- A. 0.065  
 C. 6.5  
 B. 650  
 D. 0.65



38. How many days are there in the month of April and June every year?

- A. 60  
B. 61  
C. 59  
D. 62

39. Work out:-

$$\frac{5}{8} - \frac{3}{8} = \underline{\hspace{2cm}}$$

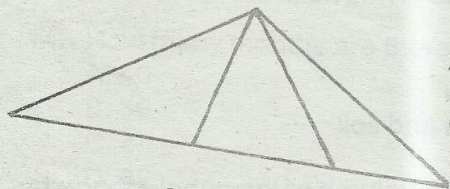
- A.  $\frac{3}{8}$   
B.  $\frac{2}{8}$   
C.  $\frac{5}{8}$   
D.  $\frac{8}{8}$

40. Work out:-

Hrs	mins
2	35
+ 4	40

- A. 6 hrs, 35 mins  
B. 6 hrs 75 mins  
C. 6 hrs 15 mins  
D. 7 hrs 15 mins

41. How many triangles are in the figure drawn below?



- A. 4  
B. 5  
C. 3  
D. 6

42. Arrange  $\frac{2}{5}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{2}{7}$  from the smallest to the largest?

- A.  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{2}{7}$ ,  $\frac{2}{5}$   
B.  $\frac{2}{5}$ ,  $\frac{2}{7}$ ,  $\frac{3}{4}$ ,  $\frac{1}{2}$   
C.  $\frac{2}{7}$ ,  $\frac{2}{5}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$   
D.  $\frac{3}{4}$ ,  $\frac{1}{2}$ ,  $\frac{2}{5}$ ,  $\frac{2}{7}$

43. What is the total value of digit 5 in 86.4956?

- A. 0.5  
B. 0.005  
C. 500  
D. 0.05

44. A fruit vendor had 500 apples. She sold item at Sh 15 each. How much money did she get?

- A. 8500  
B. 6500  
C. 5000  
D. 7500

45. If  $\frac{2}{5}$  of the pupils in a class are boys. How many girls are in that class if the class has 40 pupils?

- A. 36  
B. 24  
C. 18  
D. 48

46. Convert 195 cm into metres.

- A. 1m 195 cm  
B. 19 m 5 cm  
C. 1m 95 cm  
D. 195m

47. Take away 2987 from 40070

- A. 36073  
B. 37083  
C. 42917  
D. 38093

The table show the number of pupils who attended school from Mon to Fri in a certain weeks in class 5.

Day	Mon	Tue	Wed	Thur	Fri
No of pupils	35	40	33	37	45

48. What was the total attendance in that week?

- A. 187  
B. 179  
C. 144  
D. 190

49. How many more pupils attended school on Friday than on Monday?

- A. 10  
B. 80  
C. 70  
D. 65

50. On which day did the class have 37 pupils present?

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