

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.

(i) Your name

(ii) Name of your school

1. Write in figures. Nine hundred and eight thousand eight hundred and ninety.

- A. 908890 B. 900 890
C. 998 890 D. 90890

2. What is the place value of digit 8 in 206843905

- A. thousand
B. millions
C. hundred of thousand
D. ten of thousands

3. Convert $13\frac{1}{3}$ into a improper fraction

- A. $\frac{3}{40}$ B. $\frac{40}{3}$
C. $\frac{39}{3}$ D. $\frac{14}{3}$

4. Add

$$462350 + 23 + 7 =$$

- A. 463380 B. 462381
C. 462380 D. 562380

5. What is the GCD of 36, 27 and 18

- A. 9 B. 18
C. 108 D. 12

6. Which of these numbers is divisible by 6

- A. 3362 B. 3261
C. 3364 D. 3366

7. Simplify $\frac{60}{75}$

- A. $\frac{3}{5}$ B. $\frac{4}{5}$
C. $\frac{10}{12}$ D. $\frac{12}{15}$

8. Work out

$$4\frac{7}{12} - 2\frac{8}{15}$$

- A. $6\frac{1}{4}$ B. $2\frac{1}{20}$
C. $2\frac{1}{3}$ D. $2\frac{1}{12}$

9. What is the next number in the pattern

54, 63, 72, 81, _____

- A. 88 B. 45
C. 99 D. 90

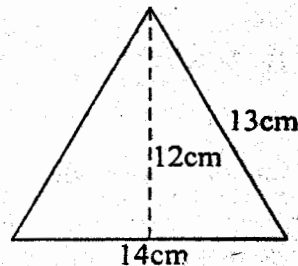
10. Round off 960 to the nearest 1000

- A. 960 B. 970
C. 900 D. 1000

11. Express 0.06 as a fraction in its simplest form

- A. $\frac{3}{10}$ B. $\frac{3}{50}$
C. $\frac{6}{10}$ D. $\frac{6}{100}$

12. Find the area of the triangle



- A. 156cm^2
B. 168cm^2
C. 84cm^2
D. 182cm^2

13. Litres ml

17	650
-9	460

- A. 7 litres 190ml
- B. 8 litres 190ml
- C. 8 litres 290ml
- D. 7 litres 290ml

14. Simplify

$$5x + 10x - 12x - x =$$

- A. 3x B. 2x
- C. x D. 15x

15. Change the following into metres

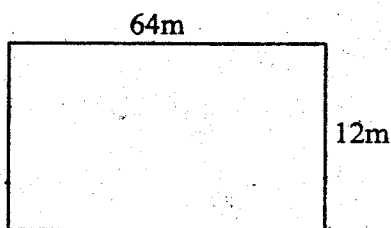
$$27\text{km } 200\text{m}$$

- A. 27000 B. 470
- C. 2720 D. 27200

16. Write $\frac{7}{25}$ as a percentage

- A. $\frac{7}{25}\%$ B. 25%
- C. 7% D. 28%

17. Isaac ran round the field below twice. What distance did he cover



- A. 152m B. 76m
- C. 2552m D. 304

18. When we add an odd number to an even number we get?

- A. none B. odd even
- C. even D. odd

19. Find the product of $2\frac{1}{4}$ and $1\frac{1}{2}$

- A. $3\frac{3}{4}$ B. $1\frac{1}{2}$
- C. $3\frac{3}{8}$ D. $3\frac{2}{5}$

20. Add

$$79 + 94838 + 725 =$$

- A. 95542 B. 95642
- C. 85542 D. 95542

21. Arrange the following fraction in order from the largest to the smallest

$$\frac{1}{8}, \frac{1}{2}, \frac{1}{4}, \frac{1}{3}$$

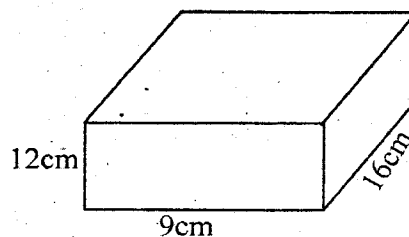
- A. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{8}$ B. $\frac{1}{8}, \frac{1}{3}, \frac{1}{4}, \frac{1}{2}$

- C. $\frac{1}{8}, \frac{1}{4}, \frac{1}{3}, \frac{1}{2}$ D. $\frac{1}{8}, \frac{1}{2}, \frac{1}{4}, \frac{1}{3}$

22. Which of the following numbers is divisible by 8

- A. 4567128 B. 909183
- C. 41286 D. 59386

23. Find the volume of the figure below



- A. 108cm^3 B. 144cm^3
- C. 1728cm^3 D. 37cm^3

24. What is the value of $\frac{1}{3}y - 4 = 6$

- A. 3 B. 5
- C. 10 D. 30

25. Work out

$$4029041 - 73539 =$$

- A. 3955520 B. 3955502
- C. 3955402 D. 3965502

26. Change $3\frac{3}{4}$ kg into grammes

- A. 375g B. 3250g
- C. 3750g D. 3500

27. What is the product of the squares of 4 and 5

- A. 400 B. 100
- C. 41 D. 20

28. Work out the subtraction

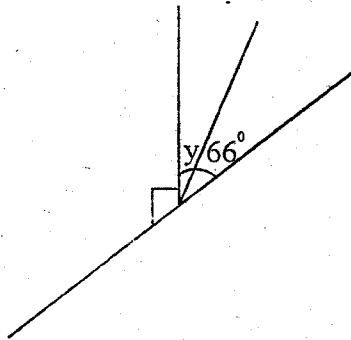
km	m
70	300
-49	590

- A. 20km 700m
- B. 21km 710m
- C. 20km 710m
- D. 19km 710m

29. What is the supplement of 70°

- A. 100
- B. 90
- C. 110
- D. 20

30. What is the value of the angle marked y



- A. 44°
- B. 14°
- C. 24°
- D. 34°

31. What is the value of

$$14.25 + 8 + 0.001$$

- A. 32.25
- B. 186.51
- C. 22.251
- D. 23.25

32. Write XLIX in Hindu arabic numerals

- A. 59
- B. 69
- C. 49
- D. 46

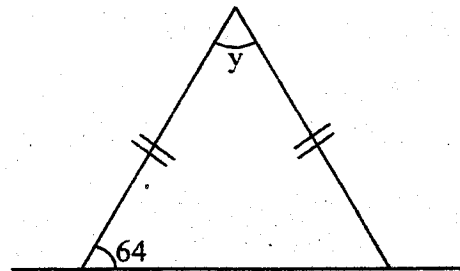
33. A carton contains 288 books. Each book weighs 56g. What is the weight of the books in kilograms

- A. 16128g
- B. 16.128kg
- C. 161.128kg
- D. 16128kg

34. $21.256 \times 8 =$

- A. 17.048
- B. 170.048
- C. 169.948
- D. 170.48

35. What is the value of angle marked y



- A. 58°
- B. 64°
- C. 54°
- D. 52°

36. $5 - 2\frac{4}{7}$

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

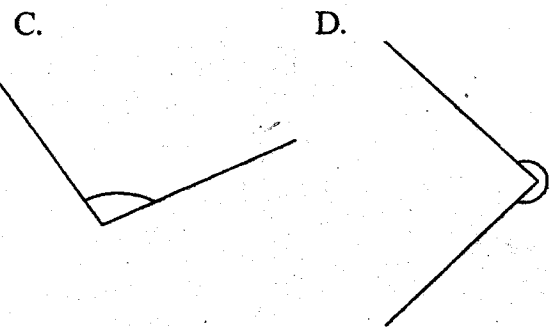
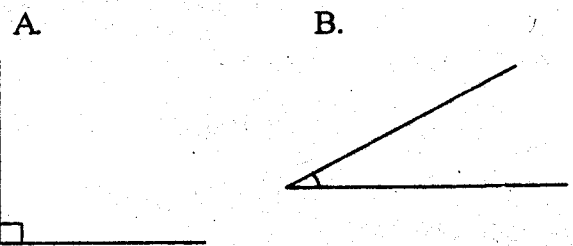
37. How many prime numbers are there between 20 and 40

- A. 5
- B. 4
- C. 3
- D. 2

38. How many $\frac{1}{2}$ kg packets can be obtained from 480kg of sugar

- A. 96
- B. 24
- C. 240
- D. 960

39. Which one of the above is an obtuse angle

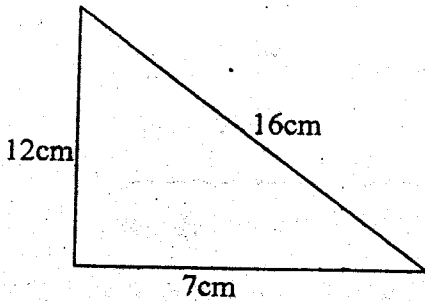


40. Work out

$4\frac{1}{5} \div 4 =$

- A. $16\frac{1}{5}$ B. $1\frac{1}{20}$
 C. $1\frac{1}{21}$ D. $\frac{20}{21}$

41. Find the area of triangle below



- A. 42cm^2 B. 25cm^2
 C. 84cm^2 D. 56cm^2

42. Collect the like terms $14m + 8n + 18n - 4m$

- A. $36mn$ B. $10m + 18n$
 C. $10m + 26n$ D. $18m + 18n$

43. Subtract $3\frac{2}{7}$ from 7

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

44. A meeting was attended by 43812 women, 37400 men and 22906 children. How many people were there altogether

- A. 94118 B. 104118
 C. 140118 D. 14118

45. Find the value of z

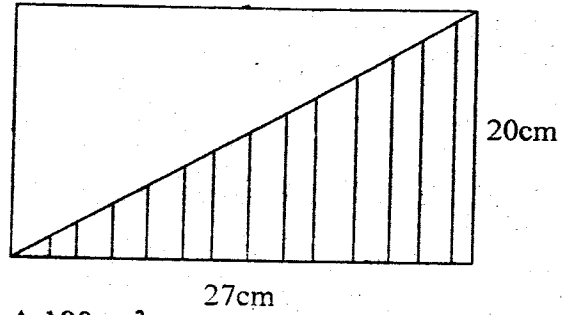
$z \div 4 = 6$

- A. 2 B. 12
 C. 24 D. 10

46. Find the product of 2.8 and 8.3

- A. 0.2324 B. 2324
 C. 23.24 D. 232.4

47. Find the area of the shaded part



- A. 180cm^2 B. 540cm^2
 C. 270cm^2 D. 90cm^2

48. Find the LCM of 28, 56 and 42

- A. 28 B. 56
 C. 7 D. 168

Use the table below to answer question

49 and 50.

Subjects	tally	numbers of text books
C.R.E		8
Social studies	 	13
Science		9
Kiswahili	 	23
English	 	19
Maths	 	15

49. How many more kiswahili books were there than english books in the class?

- A. 41 B. 23
 C. 19 D. 4

50. How many textbooks were there altogether

- A. 87 B. 92
 C. 88 D. 86