

STEP FLYER ASSESSMENT TEST

STD 6- YEAR 2020

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MATHEMATICS

eTim : 2Hours

READ THESE INSTRUCTIONS CAREFULLY.

- You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
- Make sure that you have written on the answer sheet.

(i) Your name

(ii) Name of your school

- Write in figures.** Nine hundred and eight thousand eight hundred and ninety.

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

- What is the place value of digit 8 in 206843905

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

- Convert $13\frac{1}{4}$ into an improper fraction

- A. $\frac{1}{4}$
C. $\frac{1}{4}$

D $\frac{53}{4}$

- Add**

$$462350 + 23 + 7 =$$

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

- What is the GCD of 36, 27 and 18

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

- Which of these numbers is divisible by 6

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

- Simplify $\frac{1}{2} \times \frac{3}{4}$**

A. $\frac{1}{8}$

B. $\frac{3}{8}$

D. $\frac{1}{12}$

C c . 1 / 12

- Work out**

$1, -2,$

- A. $\frac{1}{2}$, B. $\frac{1}{2}\%$
C. $\frac{1}{2}$, D. $\frac{1}{2}\%$

- What is the next number in the pattern

54, 63, 72, 81,

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

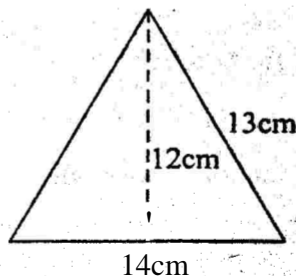
- Round off 960 to the nearest 1000

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

- Express 0.06 as a fraction in its simplest form

- A. $\frac{1}{2}$ B. $\frac{1}{2}\%$
C. $\frac{1}{4}$ D. $\frac{1}{4}\%$

- Find the area of the triangle



- A. 156cm
B. 168cm?
C. 84cm²
D. 182cm?

13. Litres ml

17	650
-9	460
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- 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. $15x$

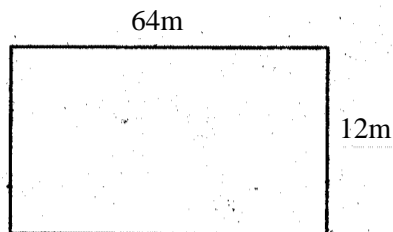
15. Change the following into metres
 27km 200m

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

16. Write $\frac{7}{100}$ as a percentage

- A. $\frac{7}{100}\%$ 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. oddeven
 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. 95.542 B. 95642
 C. 85542 D. 95542

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

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

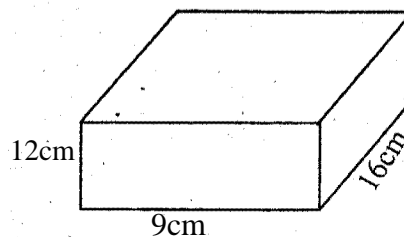
- A. $\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{8}$ B. $\frac{1}{8}, \frac{1}{3}, \frac{1}{4}, \frac{1}{2}$

$\frac{4}{5}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}$ D. $\frac{4}{5}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}$

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 $y - 4 = 6$

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

25. Workout

$4029041 - 73539 =$

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

26. Change $3\frac{1}{2}\text{kg}$ 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

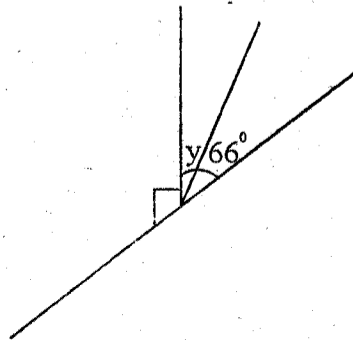
km	m
70	300
-49	590

- 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

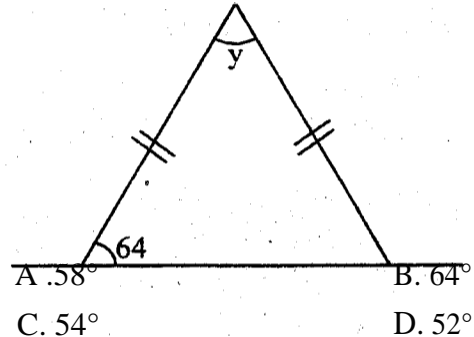
33. A carton contains 288 books. Each book weighs 56g. What is the weight of the books in kilograms

- 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



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

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

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

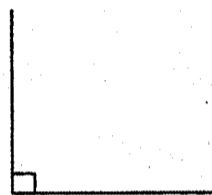
- A. 5 B. 4
C. 3 D. 2

38. How many $\frac{1}{4}$ kg packets can be obtained from 480kg of sugar

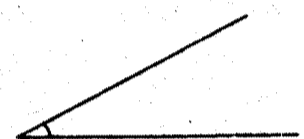
- A. 96 B. 24
C. 240 D. 960

39. Which one of the above is an obtuse angle

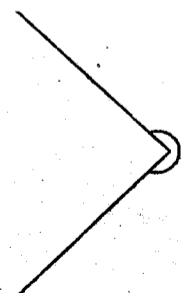
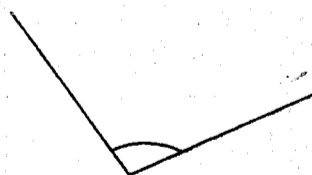
- A. B.



C.



D.



40. Work out

$4 \div 4 =$

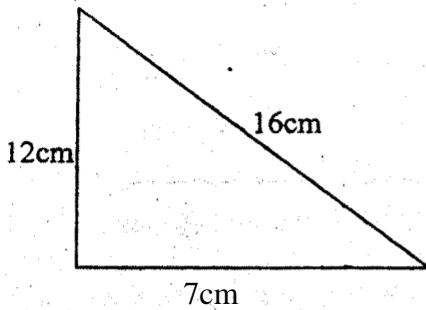
A. 16/

B. 1/

C. 1%,

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41. Find the area of triangle below



A. 42cm

B. 25cm

C. 84cm?

D. 56cm

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

A. 36mn

B. $10m + 18n$

C. $10m + 26n$

D. $18m + 18n$

43. Subtract $3/$ from 7

A. $3/$,

B. $3/$,

Cc. $4/$,

D. $4/$,

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

$z + 4 = 6$

A. 2

B. 12

C. 24

D. 10

46. Find the product of 2.8 and 8.3

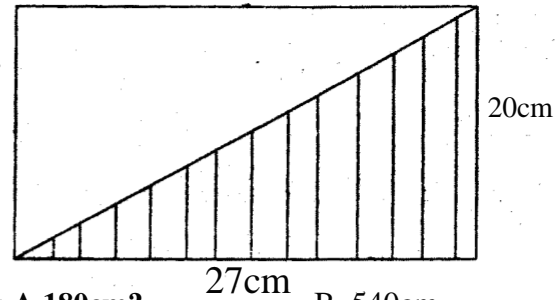
A. 0.2324

B. 2324

C. 23.24

D. 232.4

47. Find the area of the shaded part



A. 180cm?

27cm

B. 540cm

C. 270cm²

D. 90cm?

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.RE	###	8
Social studies	H#H 1 1 1	13
Science	HH III	9
Kiswahili	HHH# H#H 1 1 1	23
English	H H H # H HHH	19
Maths	HHHH H-H	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