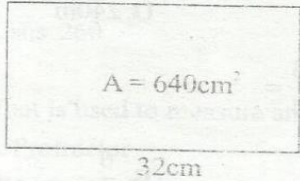


STANDARD 6 MATHEMATICS

MID-TERM 1 2020

TIME: 2 hours

- | | |
|---|--|
| <p>1. Write one million, one thousand and one in figures.
 A. 101001 B. 1001001
 C. 100101 D. 10001001</p> <p>2. Which digit is in ten thousands place value in 9876521?
 A. 9 B. 5
 C. 7 D. 6</p> <p>3. Which one of the following number is divisible by 4?
 A. 962 B. 884
 C. 6401 D. 5223</p> <p>4. Write in roman 46.
 A. XLVI B. XLIV
 C. XXXXVI D. LXVI</p> <p>5. What is the sum of roman numbers LXX and LXXX?
 A. 180 B. 160
 C. 150 D. 250</p> <p>6. What is the missing digit in $\frac{5}{6} = \frac{15}{?}$?
 A. 18 B. 24
 C. 20 D. 10</p> <p>7. What is the GCD of 18, 24 and 36?
 A. 72 B. 12
 C. 3 D. 6</p> <p>8. Which one of the following is a prime number?
 A. 51 B. 23
 C. 49 D. 57</p> | <p>9. What is the LCM of 8, 12 and 15?
 A. 2 B. 6
 C. 60 D. 120</p> <p>10. What number should be multiplied by 92 to get 9200?
 A. 10 B. 100
 C. 1000 D. 00</p> <p>11. Multiply: $932 \times 21 =$
 A. 19572 B. 18572
 C. 2796 D. 953</p> <p>12. Which one of the following is an odd number.
 A. 960 B. 482
 C. 521 D. 958</p> <p>13. Which one of the following number is a factor of 96?
 A. 18 B. 12
 C. 30 D. 46</p> <p>14. The rectangle below has an area of 640cm^2. If its length is 32cm. What is its width?</p> <div style="text-align: center; margin: 10px 0;">  <p style="margin: 0;">A = 640cm^2 w = ?</p> <p style="margin: 0; text-align: center;">32cm</p> </div> <p>A. 106cm B. 64cm
 C. 20cm D. 40cm</p> |
|---|--|

TW - 002

MATHEMATICS STD. 6

15. Simplify: $\frac{54}{72}$

- A. $\frac{27}{36}$ B. $\frac{3}{4}$
C. $\frac{9}{12}$ D. $\frac{5}{7}$

16. Convert into a mixed fraction $\frac{73}{7}$

- A. $1\frac{3}{7}$ B. $7\frac{3}{7}$
C. $3\frac{3}{7}$ D. $10\frac{3}{7}$

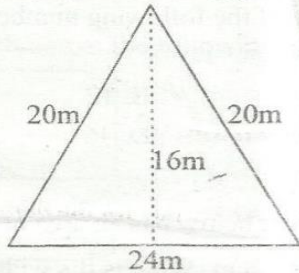
17. Which one of the following is a proper fraction?

- A. $3\frac{7}{10}$ B. $\frac{2}{5}$
C. $\frac{19}{5}$ D. $\frac{16}{9}$

18. Convert into fraction 0.013.

- A. $\frac{13}{1000}$ B. $\frac{13}{100}$
C. $\frac{13}{10}$ D. $\frac{1.3}{1000}$

19. Find the area of the triangle below.



- A. 384m^2 B. 480m^2
C. 192m^2 D. 240m^2

20. Add: $\frac{3}{5} + \frac{3}{4} =$

- A. $1\frac{7}{20}$ B. $\frac{6}{9}$
C. $\frac{6}{20}$ D. $\frac{27}{20}$

21. Multiply $4\frac{3}{4} \times 16 =$

- A. 19 B. 76
C. 38 D. $\frac{19}{4}$

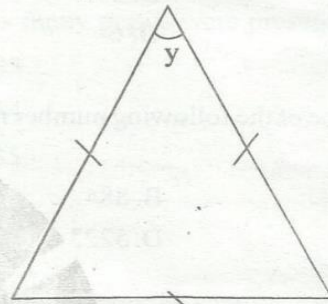
22. What is the place value of digit 3 in 461.9234?

- A. Hundredth B. Tenth
C. Thousandth D. Ten thousandth

23. Convert into decimal $4\frac{3}{4}$

- A. 3.4 B. 4.34
C. 4.43 D. 4.75

24. Find the value of y?



- A. 60° B. 180°
C. 90° D. 120°

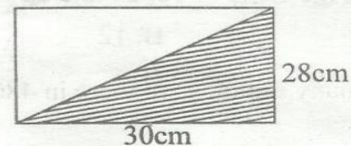
25. Simplify $4a + 3p - 3a + 2p =$

- A. $7a + 5p$ B. $7a + 3p$
C. $a + 5p$ D. $a - 5p$

26. Find the value of y in $3y + 9 = 18$?

- A. 9 B. 3
C. 6 D. 27

27. Find the area of the shaded part in the following figure.

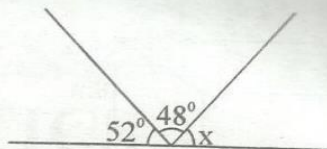


- A. 116cm^2 B. 840cm^2
C. 560cm^2 D. 420cm^2

28. What the value of 16^2 ?
- A. 4 B. 64
C. 256 D. 156
29. Round off to the nearest thousands 49678.
- A. 50000 B. 500
C. 4900 D. 6000
30. Convert 48000m into kilometres.
- A. 480km B. 48km
C. 4.8km D. 0.48km
31. Multiply $4.62 \times 100 =$
- A. 46200 B. 4620
C. 462 D. 46.2
32. The area of the rectangle below is 504m^2 . What is its perimeter if its length is 24m?
- $A = 504\text{m}^2$

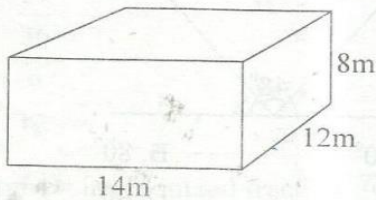
24m
- A. 80m B. 48m
C. 480m D. 90m
33. How many kilograms are there in 64 quarter kgs?
- A. 128kg B. 16kg
C. 32kg D. 256kg
34. Convert 4.32kg into grams.
- A. 432g B. 43.2g
C. 4320g D. 43200g
35. How many minutes are there in 480 seconds.
- A. 8mins B. 12mins
C. 48mins D. 60mins

36. Find the angle marked x .

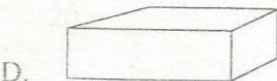
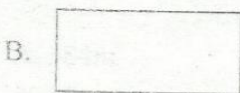
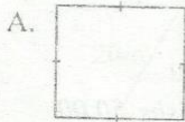


- A. 100° B. 80°
C. 90° D. 40°
37. How many years are there in 78 months.
- A. $6\frac{1}{2}$ years B. 6
C. $8\frac{1}{2}$ years D. $5\frac{1}{2}$ years
38. On a map 8m were represented by 2m. How many m will be represented by 8m?
- A. 64m B. 16m
C. 4m D. 32m
39. How many days were in January, February and March in the year 2016?
- A. 91 days
B. 90 days
C. 92 days
D. 89 days
40. Fatuma bought the following items:
- a kg of rice at shs. 70.00*
a kg of sugar at shs. 90.00
2 loaves of bread each at shs. 50.00
How much did she pay for the items.
- A. shs. 160
B. shs. 210
C. shs. 250
D. shs. 260
41. What is used to measure angles?
- A. Protractor
B. A straight ruler
C. Set square
D. A compass

42. Find the volume of the figure below.



- A. 96m^3 B. 844m^3
 C. 1344m^2 D. 1244m^3
43. Round off to the nearest one decimal point
 63.391
 A. 63.3 B. 63.9
 C. 63.2 D. 63.4
44. Find the square root of 64.
 A. 8 B. 16
 C. 128 D. 32
45. Kamau arrived home $3\frac{1}{2}$ hours after midday.
 What time was it in p.m./a.m?
 A. 3.30a.m. B. 3.00p.m.
 C. 3.30p.m. D. 2.30p.m.
46. Which one of the following is a cube?



47. Convert to an improper fraction $6\frac{1}{6}$
 A. $\frac{61}{6}$ B. $\frac{16}{6}$
 C. $\frac{36}{6}$ D. $\frac{37}{6}$

Use the table below to answer the questions that follow.

Day of the week	Mon	Tue	Wed	Thurs	Fri
No. of pupils present	34	36	35	33	35

48. How many pupils were present on Thursday.
 A. 33
 B. 34
 C. 35
 D. 36
49. Which day had the same number of pupils present?
 A. Monday and Friday
 B. Wednesday and Friday
 C. Monday and Thursday
 D. Wednesday and Thursday
50. How many pupils were present in the whole week?
 A. 70
 B. 140
 C. 173
 D. 34