

# WISDOM SERIES

AIMWA  
008

## STD 6 - TERM III - MATHEMATICS

1. Write two million two hundred and seven thousand and eight in symbols?

- A. 2207800      B. 2200708  
C. 2207008      D. 22007008

2. Add:-  $379146 + 201829 + 144 + 29 =$

- A. 592248      B. 582148  
C. 581148      D. 591148

3. Work out:- Litres      Decilitres

12	8
x	5
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- A. 64L      B. 61L 4dl  
C. 60L      D. 60L 40dl

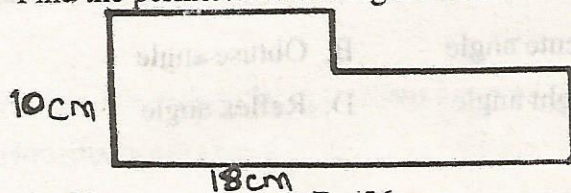
4. What is the place value of digit 3 in 523.817?

- A. ones      B. oneth  
C. tenth      D. tens

5. Work out:-  $5\frac{1}{3} \div 1\frac{1}{3} =$

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

6. Find the perimeter of the figure below?



- A. 28cm      B. 56cm  
C. 38cm      D. 25cm

7. What is the complement of  $40^\circ$ ?

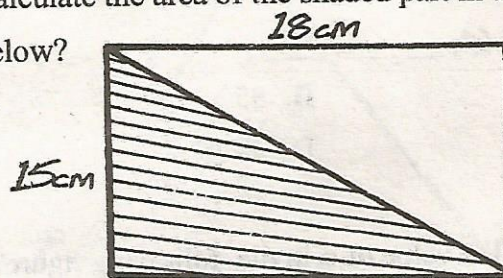
- A.  $140^\circ$       B.  $40^\circ$

C.  $50^\circ$       D.  $130^\circ$

8. What is the product of L.C.M and the G.C.D of 6 and 8?

- A. 24      B. 48  
C. 26      D. 14

9. Calculate the area of the shaded part in the figure below?



- A.  $33\text{cm}^2$       B.  $66\text{cm}^2$   
C.  $135\text{cm}^2$       D.  $270\text{cm}^2$

10. What is an eighth of 64?

- A. 8      B. 16  
C. 24      D. 36

11. Round off 19.9992 to one decimal place?

- A. 11.00      B. 19.10  
C. 20.0      D. 20

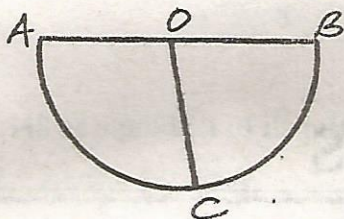
12. The area of a square is  $25\text{cm}^2$ . Find its perimeter?

- A. 20cm      B.  $20\text{cm}^2$   
C. 100cm      D. 40cm

13. Convert 730 Ares to hectares?

- A. 7.3      B. 73  
C. 730      D. 7300

14. If O is the centre of the semi-circle, which one of the following shows the diameter?



- A. AB                      B. BC  
C. AC                      D. BD

15. Convert  $\frac{2}{5}$  into percentage?

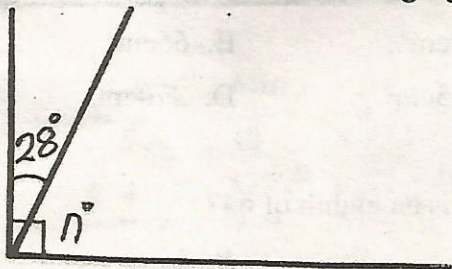
- A. 25%                      B. 60%  
C. 40%                      D. 20%

16. Find the sum of the next two numbers:-

100, 81, 64, \_\_\_\_\_, \_\_\_\_\_

- A. 25                      B. 85  
C. 36                      D. 49

17. What is the value of n in the following figure?



- A.  $62^\circ$                       B.  $162^\circ$   
C.  $72^\circ$                       D.  $332^\circ$

18. What is the sum of even numbers between 10 and 20?

- A. 65                      B. 170  
C. 75                      D. 60

19. Write  $<$ ,  $>$ ,  $=$ , or  $\geq$  to make the statement below

$75\% \quad \underline{\hspace{1cm}} \quad \frac{1}{2}$

- A.  $<$                       B.  $\geq$   
C.  $=$                       D.  $>$

20. Which number would represent K to complete the magic square below?

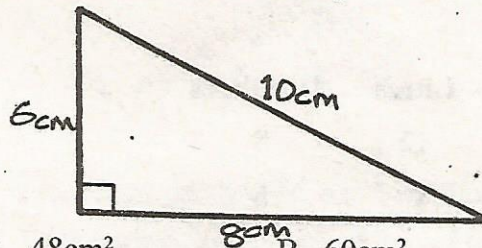
10	3	
5	K	9
6		

- A. 11                      B. 8  
C. 7                      D. 4

21. Simplify  $\frac{7}{8} \times \frac{12}{25} \times \frac{4}{7} =$

- A.  $4\frac{1}{4}$                       B.  $\frac{6}{25}$   
C.  $\frac{4}{7}$                       D.  $\frac{3}{12}$

22. Calculate the area of the figure below?

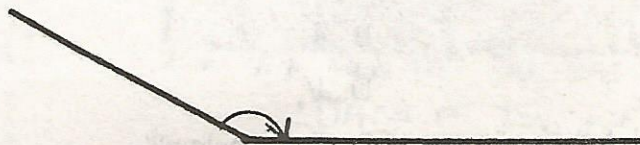


- A.  $48\text{cm}^2$                       B.  $60\text{cm}^2$   
C.  $24\text{cm}^2$                       D.  $80\text{cm}^2$

23. Work out:-  $84.45 - 69.3684 =$

- A. 14.8917                      B. 15.006  
C. 15.0816                      D. 16.9706

24. The angle shown in the diagram below is called:-



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

25. What is the square root of 0.0169?

- A. 0.13                      B. 13  
C. 0.0013                      D. 0.013

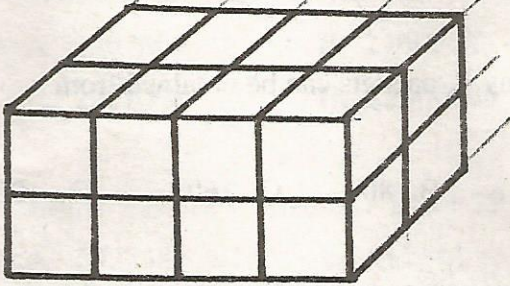
26. What is the reciprocal of  $1\frac{1}{2}$ ?

- A.  $2\frac{1}{2}$                       B.  $\frac{2}{3}$   
 C.  $\frac{3}{2}$                          D.  $\frac{16}{3}$

27. What is 20% of sh.800?

- A. sh.160                      B. sh.820  
 C. sh.100                      D. sh.16

28. How many cubes are in the stack below?



- A. 16                              B. 8  
 C. 12                             D. 20

29. A plot of land measures 125m by 80m. What is its area in hectares?

- A. 100ha                      B. 10000ha  
 C. 1ha                         D. 10ha

30. Solve the following:-

Weeks	Days
7	4
x	5

- A. 37 weeks 6 days  
 B. 36 weeks 6 days  
 C. 37 weeks 0 day  
 D. 35 weeks 6 days

31. A class has 40 pupils,  $\frac{7}{8}$  of them are present. How many are absent?

- A. 40                              B. 5  
 C. 30                             D. 35

32. Write 59 in roman numerals?

- A. LIX                            B. LXIX  
 C. XCIX                        D. XLIX

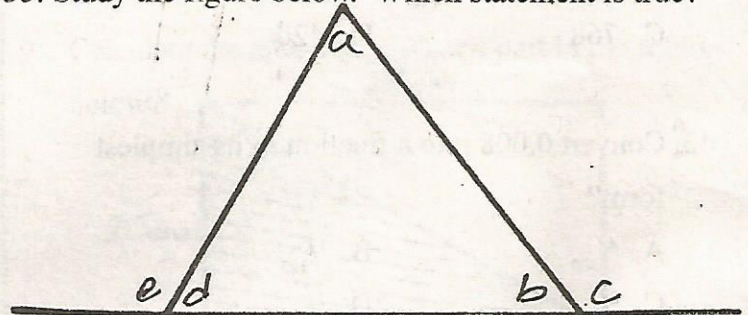
33. Our teacher is 1m 83cm tall. What is his height in mm?

- A. 1830                         B. 18.3  
 C. 18300                      D. 1083

34. Which among the following will not form a recurring decimal?

- A.  $\frac{1}{9}$                               B.  $\frac{2}{3}$   
 C.  $\frac{3}{8}$                               D.  $\frac{1}{3}$

35. Study the figure below. Which statement is true?



- A.  $a + b = d$                       B.  $a + d = e$   
 C.  $a + b = c$                       D.  $a + b = e$

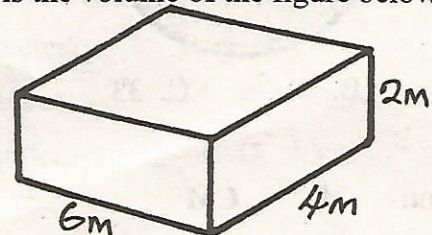
36. Which of the following numbers is 99 more than 10000?

- A. 9991                         B. 9001  
 C. 10099                        D. 9901

37. Simplify:-  $\frac{1}{3}(9x - 12y)$

- A.  $3x + 4y$                       B.  $3x - 4y$   
 C.  $4x - 3y$                       D.  $6x + 9y$

38. What is the volume of the figure below?



- A.  $480\text{cm}^3$                       B.  $48\text{m}^3$   
 C.  $24\text{m}^3$                         D.  $12\text{m}^3$

39. Express 70% as a decimal?

- A. 7.0                      B. 0.07  
C. 0.7                        D. 0.007

40. Express 448 as a product of its prime factors?

- A.  $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 7$   
B.  $4 \times 4 \times 4 \times 4 \times 7$   
C.  $2 \times 2 \times 2 \times 2 \times 7$   
D.  $2 \times 2 \times 2 \times 2 \times 2 \times 7$

41. Which of the following numbers below is divisible by 8?

- A. 460                      B. 548  
C. 768                      D. 420

42. Convert 0.008 into a fraction in its simplest form?

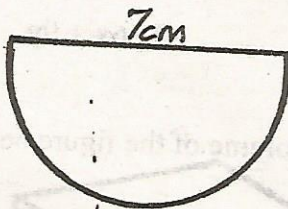
- A.  $\frac{4}{500}$                       B.  $\frac{1}{125}$   
C.  $\frac{8}{1000}$                       D.  $\frac{2}{200}$

43. Solve:-

Hrs	Min
5	46
+ 4	33

- A. 10 hrs 9 mins      B. 9 hrs 9 mins  
C. 9 hrs 19 mins     D. 10 hrs 19 mins

44. Find the perimeter of the figure below?



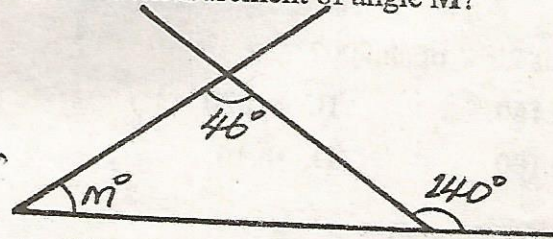
- A. 22                      B. 11                      C. 33                      D. 18

45. Work out:-

M	CM
63	45
+ 29	65

- A. 92m 10cm                      B. 91m 10cm  
C. 92m 110cm                      D. 10 hrs 19 mins

46. Find the measurement of angle M?



- A.  $47^\circ$                       B.  $68^\circ$                       C.  $66^\circ$                       D.  $46^\circ$

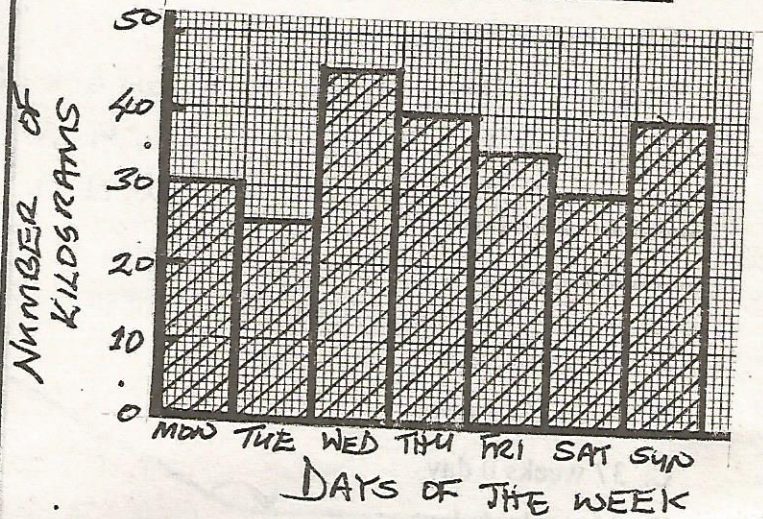
47. How many  $\frac{1}{2}$  packets can be obtained from 80kg?

- A. 40                      B. 80                      C. 160                      D. 100

48. What is  $\frac{1}{2}$  of  $(15 \div 3)$ ?

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

The graph below shows the number of kilograms of sugar. Zablon sold in his shop in one week. Use it to answer questions 49-50.



49. Which day had the highest sales?

- A. Wednesday                      B. Sunday  
C. Tuesday                              D. Saturday

50. What is the mean sale in kilograms in the first four days?

- A. 35                                      B. 25  
C. 140                                      D. 50