



MATHS

NCERT - NCERT Maths(TELUGU)

SUMMATIVE ASSESMENT -II

Exercise

1. Simplify $(-24) \times (-8) \times (-10)$



Watch Video Solution

2. Which one is greater $\frac{1}{3}$ of $\frac{4}{5}$ or $\frac{1}{2}$ of $\frac{2}{5}$



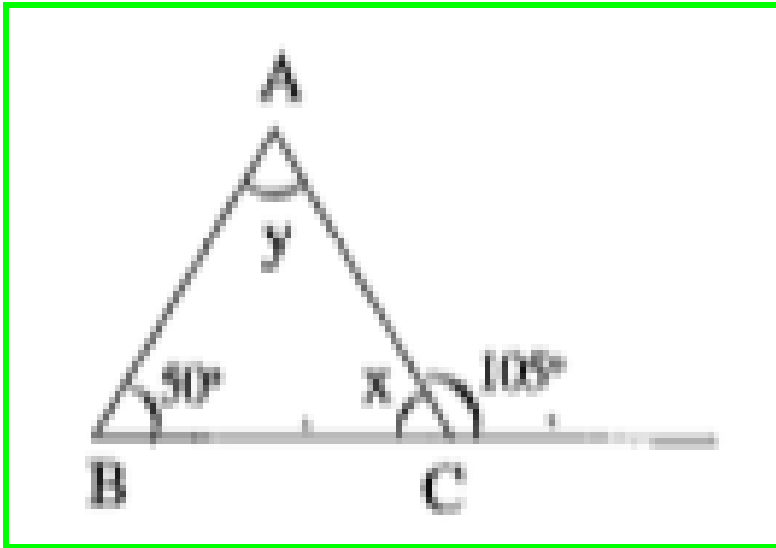
Watch Video Solution

3. Express 0.01 mm in cms.



Watch Video Solution

4. Find the values of x and y from the figure.



[▶ Watch Video Solution](#)

5. The length of a flag is 90 cm breadth is 60cm then find the ratio of length and breadth.

[▶ Watch Video Solution](#)

6. Raju and rani had climbed the $\frac{11^{th}}{12}$ part of steps of a building then what is the remaining part of the steps to be climbed.



[Watch Video Solution](#)

7. Prove that $\triangle AOB \cong \triangle COD$ by using SAS congruency rule.



[Watch Video Solution](#)

8. The marked price of a book is Rs. 180. In a book fare 15% of discount allowed. Then what is the selling price of that book in book fare?



[Watch Video Solution](#)

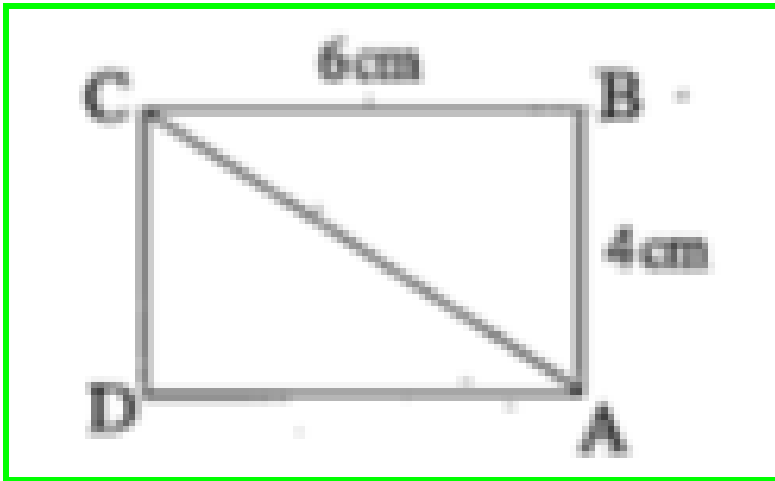
9. Represent $6-2, 7-(-5)$ on the number line



[Watch Video Solution](#)

10. From the adjacent figure find the area of rectangle ABCD and area of $\triangle ABC$ and mention

the relation between them.



[▶ Watch Video Solution](#)

11.

Verify

$$-14 \times (6 + (-9)) = (-14 \times 6) + (-14 \times -9)$$

[▶ Watch Video Solution](#)

12. Sudha and Ramya are trying to construct \triangle BAG with measurements $BA=5\text{cm}$, $\angle B = 100^\circ$, $\angle A = 95^\circ$. This can be success to construct it or not. Give reasons.



Watch Video Solution

13. $100^3 \times 10^6 = 10^9$ is this true or false prove it.



Watch Video Solution

14. Find T if $P = \text{Rs } 6500$ $R = 2\frac{1}{3}\%$ and $I = \text{Rs } 455$





Watch Video Solution

15. The sum of three expressions is $9a^2 - 11a + 8$.

Among them $3a^2 + 5a + 2$ and $2a^2 + 6a + 3$ are two expressions. find the third expression.



Watch Video Solution

16. Find the angles in $\triangle ABC$ if

$\angle A = 5\angle B$ and $2\angle C = 3\angle B$.



Watch Video Solution

17. The floor at a school consists of 100 tiles which are rhombus shaped to practice yoga. The diagonals of each rhombus are 150 cm and 175 cm. Find the total cost of polishing the floor if cost per m^2 is Rs12.



Watch Video Solution

18. Find the perimeter of the triangle whose sides are $3a-2b$, $4b+5a$, and $b-2a$.



Watch Video Solution

19. Construct $\triangle ABC$ in which $AB = 5\text{cm}$,
 $\angle B = 45^\circ$ and $BC = 6\text{cm}$

 [Watch Video Solution](#)

20. Draw a double bar graph for the data as per the details of ward wise polled votes in a village.

Gender	Ward - 1	Ward - 2	Ward - 3	Ward - 4	Ward - 5	Ward - 6
Men	780	340	610	250	534	808
Women	660	375	590	265	575	850

 [Watch Video Solution](#)

21. Where does the number $3\frac{4}{5}$ lies?

A. Between 4,5

B. Between 3,4

C. Between 3,6

D. Between 3,5

Answer:



Watch Video Solution

22. Which triangle can be constructed with a single

independent measurement-

- A. Equilateral triangle
- B. Isosceles triangle
- C. Scalene triangle
- D. Cannot be constructed

Answer:



Watch Video Solution

23. How many $\frac{1}{5}$ parts in 5?

A. 1

B. 5

C. 15

D. 25

Answer:



Watch Video Solution

24. If $a=5$, $b=2$, $c=3$ then $(a \div b)^c =$

A. $\frac{2^5}{5^5}$

B. $\frac{2^3}{5^3}$

C. $\frac{5^3}{2^3}$

D. $\frac{5^2}{3^2}$

Answer:



Watch Video Solution

25. Rohan went to a school which is 1 km away from his home. He travelled 0.85 km by bicycle remaining by walk. Then what is the percentage of the distance travelled by walk?

A. 0.85

B. 0.15

C. 0.35

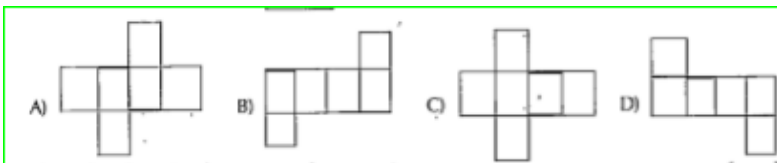
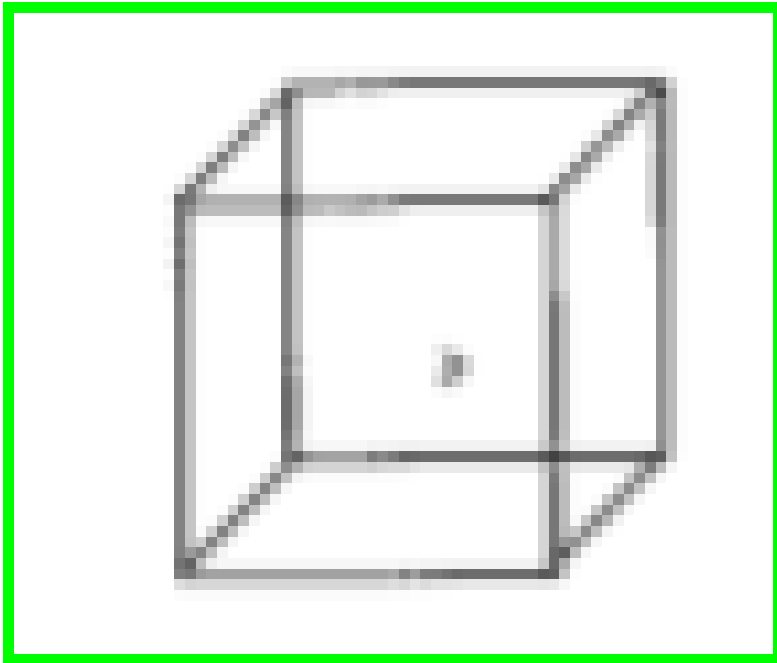
D. 0.75

Answer:



Watch Video Solution

26. Choose the Net of given 3D shape



Watch Video Solution

27. The order of rotational symmetry of a square is

A. 2

B. 1

C. 3

D. 4

Answer:



[Watch Video Solution](#)

28. The dimensions of a cell phone-

A. 1D

B. 2D

C. 3D

D. None

Answer:



Watch Video Solution

29. Sum of the complementary angles is-

A. Obtuse angle

B. Right angle

C. Acute angle

D. Reflex angle

Answer:



Watch Video Solution

30. How many times the circumference of a circle to its diameter?

A. π

B. 2π

C. 3π

D. 4π

Answer:



Watch Video Solution