

Preparing Bright Students for NMMS Exam

Through evening online classes for 10 months (currently to those who are in 7th std.)

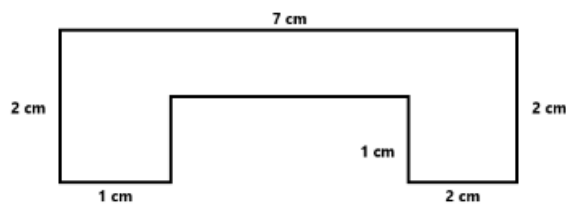
Question Paper

Time: 45 min

Max. Marks: 20

- 1 The perimeter of a square is 36, but the area of that square is
- 2 The largest fraction among the given $\frac{2}{3}$, $\frac{1}{2}$, $\frac{3}{2}$, $\frac{5}{2}$ fractions is
- 3 The ratio of length to breadth of a rectangular field 8 : 6. If its diagonal is 200m., area of the field in sq. m. is
- 4 The original price of an item is ₹480, and the selling price is ₹500. What is the percentage profit?
- 5 The speed of a bus is 48 km/h. The distance travelled by the bus in $4\frac{1}{2}$ hours is?
- 6 The difference between two numbers is 112. The larger number is 403. What is the smaller number?

- 7 The area of the given figure.



- 8 The price of sugar has increased from Rs. 20 to Rs. 23 per kilogram. What is the percentage increase in price?
- 9 The $\frac{1}{8}$ drum is full of water. It takes 28 liters of water to fill the drum completely. What is the capacity of the drum?
- 10 A person reads 200 pages in 50 minutes. How many pages can he read in 8 minutes?
- 11 $2060 \div 40 = 51.5$, but what is the value of $20.60 \div 400$?
- 12 If the sum of two angles of a triangle is equal to the third angle of that triangle then the largest angle of the triangle is ?

13 $\frac{3}{8} \div \left[\frac{5}{3} - \frac{1}{6} \right] + \frac{5}{8}$ Equal to

14 $\frac{1}{10} + \frac{11}{100} + \frac{111}{1000}$ The decimal equivalent of this is

15 In an exam, Joseph scored 8 marks less than Amit, and Kumar scored 12 marks more than Amit. Together, they scored a total of 205 marks. How many marks did Joseph score?

16 At an interest rate of 8% per annum simple interest on ₹5,000 for $3\frac{1}{2}$ years, and at an interest rate of $4\frac{1}{2}\%$ per annum simple interest on ₹4,000 for 8 years, what is the difference in interest amounts?

17 The largest three-digit number that is exactly divisible by 8, 10, and 12 is

18 5 paise can be written in rupees as

19 A number that is 10% more than 80.

20 In the sequence 1, 2, 4, 8, 16, the next number is _____