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HOUSE -----

- 1) The value of MCMXCIX = _____
- 2) Father of Geometry is _____
- 3) A figure with eight sides _____
- 4) A letter in Algebra which can take any value _____
- 5) A number whose square root is greater than itself is _____
- 6) Number of zeroes of the zero polynomial _____
- 7) A square shaped garden has side $(x-y-2z)$. The area of garden is -

- 8) If the volumes of two spheres are in the ratio 8: 27, their surface areas are in the ratio _____
- 9) How many millions in one billion ? _____
- 10) Sum of all exterior angles of a polygon is _____
- 11) If the sale price of radio decreases from Rs 75 to Rs 66 , the percentage Decrease is _____
- 12) Area of square with diagonal 15cm is _____
- 13) Abe thinks of a number, doubles it and then adds 6. The answer is 20. The number is _____

- 14) The front of a rectangular prism has an area of 12 cm^2 the side has an area of 6 cm^2 , and the top has area 8 cm^2 The volume of the prism in cm^3 , is _____
- 15) The mean (average) of 5 consecutive integers is 9. The smallest of these 5 integers is _____
- 16) A cuboid has total surface area 40m^2 and lateral surface area 26m^2 . The area of its base is _____
- 17) The mean of 10 numbers is 10. If 2 is added to each number the new mean is _____
- 18) In a lottery of 50 tickets numbered 1 to 50, one ticket is drawn. The probability that the drawn ticket bears a prime number. _____
- 19) The expression $\sqrt{13 + \sqrt{7 + \sqrt{4}}}$ is equal to _____
- 20) The value of y in the figure is _____


