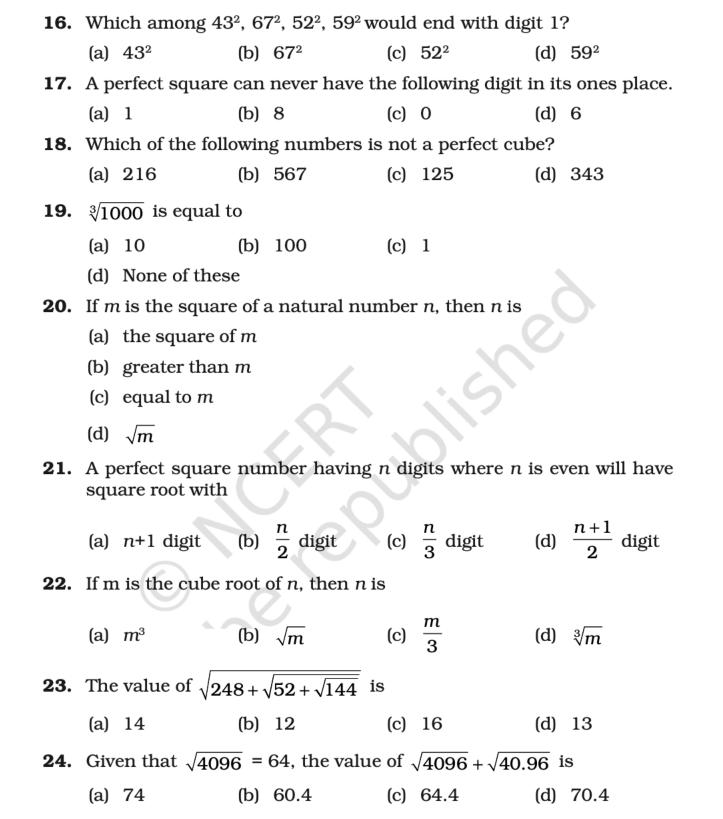
Example 29: Find the length of a diagonal of a rectangle with dimensions 20m by 15m.

The area of a rectangular field whose length is twice its breadth is 2450 m². Find the perimeter of the field.



39 .	The digit at the ones place of 57 ² is
40 .	The sides of a right triangle whose hypotenuse is 17cm are and
41.	$\sqrt{1.96} = $
42 .	$(1.2)^3 = $
43 .	The cube of an odd number is always an number.
14 .	The cube root of a number <i>x</i> is denoted by
45 .	The least number by which 125 be multiplied to make it a perfect square is
46 .	The least number by which 72 be multiplied to make it a perfect cube is
47 .	The least number by which 72 be divided to make it a perfect cube is
48 .	Cube of a number ending in 7 will end in the digit

36. Ones digit in the cube of 38 is _____.

38. The sum of first six odd natural numbers is _____.

37. The square of 0.7 is _____.

- (a)11025 (b) 4761
- **97.** Using prime factorisation, find the cube roots of (a)512 (b) 2197

96. Using prime factorisation, find the square roots of

98. Is 176 a perfect square? If not, find the smallest number by which it should be multiplied to get a perfect square.

130. Find three numbers in the ratio 2:3:5, the sum of whose squares is 608.