

**Example 6:** Find the cube root of 8000.

2. State true or false.

- (i) Cube of any odd number is even.
- (ii) A perfect cube does not end with two zeros.
- (iii) If square of a number ends with 5, then its cube ends with 25.
- (iv) There is no perfect cube which ends with 8.

**Example 3:** Is 53240 a perfect cube? If not, then by which smallest natural number should 53240 be divided so that the quotient is a perfect cube?

Find the square of the following numbers without actual multiplication.

(ii)  $42$

Write a Pythagorean triplet whose one member is.

(iv)

18

**Example 8:** Find the smallest square number which is divisible by each of the numbers 6, 9 and 15.