Class X
Mathematics

Real Numbers

EXERCISE 1.1

0.142...

$\sqrt{5}$

NCERT Solutions

EXERCISE 1.1

1.Use Euclid's division algorithm to find the HCF of :

(i)   135 and 225

(ii)   196 and 38220

(iii)   867 and 255

2. Show that any positive odd integer is of the form 6q+1, or 6q+3, or 6q+5, where q is some integer.

3. An army contingent of 616 members is to march behind an army band of 32 members in a parade. The two groups are to march in the same number of columns. What is the maximum number of columns in which they can march ?

EXERCISE 1.1

4. Use Euclid's division lemma to show that the square of any positive integer is either of the form 3m or 3m+1 for some integer m.

5. Use Euclid's division lemma to show that the cube of any positive integer is of the form 9m, 9m+1 or 9m+8.