

Test of Exercise 1.2 and 1.4Class- 10th

- Given H.C.F of (16,100)=4 ,
Write L.C.M of (16,100).
- Explain why $5 \times 11 \times 17 + 17$ is a composite number?
- Check whether 4^n can end with digit 0 for any natural number n?
- Find H.C.F and L.C.M by prime factorization of following-
 - 56 and 112
 - 570 and 1425
 - 12, 30 and 144
- There are two positive integer X and Y.

$$x = a^3 b^2 \quad y = ab^3 c^2$$

What is H.C.F and L.C.M of X and Y?

- Without actually performing the long division, state whether the following rational numbers will have a terminating decimal expansion or a non-terminating repeating decimal expansion.

a) $\frac{21}{24}$ b) $\frac{14587}{1250}$ c) $\frac{7}{66}$ d) $\frac{27}{2^3 \times 5^2 \times 3^2}$

- Write down the decimal expansion of following rational number-

a) $\frac{11}{80}$ b) $\frac{7}{125}$