



1. Express the following decimal in the form of $\frac{p}{q}$:

a) $0.\bar{5}$

b) $0.\bar{31}$

c) $0.\bar{305}$

d) $23.\bar{42}$

e) $5.\bar{67}$

2. Examine, whether the following Numbers are rational or irrational:

a) $\sqrt{25}$

b) $5\sqrt{3}$

c) $\sqrt{10}$

d) $\sqrt{4} - 2$

e) $(3 + \sqrt{7})(3 - \sqrt{7})$

f) $(\sqrt{5} - \sqrt{2})^2$

g) $\sqrt{2.25}$

SATISH CHANDRA MEMORIAL SCHOOL

Class: IX Ch: 1 (Number System)

Worksheet-2

SCMS