

3

(vi) $\sqrt{2}, \sqrt{3}$

reqd irrat. no. = $\sqrt{2} \cdot 1$

$\sqrt{2} = 1.41, \sqrt{3} = 1.73$
reqd. rat. no = 1.5

(vii) 2.357, 3.121

reqd. irrational no = 2.35901011101111111...
reqd rational no = 3

(viii) 0.0001, 0.001
= 0.0001, 0.0010

reqd. rational no. = 0.0002

reqd. irrational no. = 0.000201011110111111...
reqd. rational no. = 0.0002

(ix) 3.623623, 0.484848

reqd. rational no. = 1

reqd. irrational no. = 1.0101111011111...
reqd. rational no. = 1

(x) 6.375289, 6.375738

reqd. rational no. 6.3755

reqd. irrational no. 6.37550101111011111...
reqd. rational no. = 6.3755

(4)

