Q1.Which is greater?
(a) 0.3 or 0.4
(b) 0.07 or 0.02
(c) 3 or 0.8
(d) 0.5 or 0.05
(e) 1.23 or 1.2
(f) 0.099 or 0.19
(g) 1.5 or 1.50
(h) 1.431 or 1.490
(i) 3.3 or 3.300
(j) 5.64 or 5.603
Solution.
(a) 0.3 or 0.4
Whole part for both is 0.
Tenth part for 0.3 is 3 and for 0.4 is 4
∵ 4>3
∴ 0.4 > 0.3
(b) 0.07 or 0.02
Whole part for both is 0.
Tenth part for both is 0.
Hundredth part for 0.07 is 7 and for 0.02 is 2.
∵ 7>2
∴ 0.07 > 0.02
(c) 3 or 0.8
Whole part for 3 is 3 and for 0.8 is 0.
∵ 3 >0
∴ 3 >0.8
(d)0.5 or 0.05
Whole part for both is 0.
Tenth part for 0.5 is 5 and for 0.05 is 0.
∵ 5 >0
∴ 0.5 > 0.05
(e)1.23 or 1.2
Whole part for both is 1.
Tenth part for both is 2.
Hundredth part for 1.23 is 3 and for 1.2 is 0 (as 1.2= 1.20)
∴1.23 > 1.2
(f) 0.099 or 0.19
Whole part for both is 0.
Tenth part for 0.099 is 0 and for 0.19 is 1.
∵ 1>0

∴ 0.19 >0.099

(g)1.5 or 1.50

Whole part for both is 1.

Tenth part for both is 5.

Hundredth part for both is 0 (as 1.5 = 1.50).

∴ 1.5=1.50

(h) 1.431 or 1.490

Whole part for both is 1.

Tenth part for both is 4.

Hundredth part for 1.431 is 3 and for 1.490 is 9

∵ 9>3

∴ 1.490 >1.431

(i)3.3 or 3.300

Whole part for both is 3.

Tenth part for both is 3.

Hundredth part for both is 0 (as 3.3 = 3.30).

Thousandth part for both is 0 (as 3.3 = 3.300).

∴ 3.3 = 3.300

(J) 5.64 or 5.603

Whole part for both is 5.

Tenth part for both is 6.

Hundredth part for 5.64 is 4 and for 5.603 is 0.

∵ 4>0

∴ 5.64 > 5.603

Q2.Make five more examples and find the greater number from them.
Solution.

Five more examples are as follows:

Which is greater?

Ex. 1. 0.4 or 0.5

Ex. 2. 0.06 or 0.04

Ex. 3. 4 ox 0.9

Ex. 4. 0.6 or 0.06

Ex. 5. 0.063 or 0.22

Solution.

1.0.4 or 0.5

Whole part for both = 0

Tenth part for 0.4 = 4

Tenth part for 0.5 = 5

∵ 5 >4

∴ 0.5 > 0.4

2. 0.06 or 0.04

Whole part for both = 0

Tenth part for both = 0

Hundredth part for 0.06 = 6

Hundredth part for 0.04 = 4

∵ 6 > 4

∴ 0.06 > 0.04

3. 4 or 0.9

Whole part for 4 = 4

Whole part for 0.9 = 0

∵ 4 > 0

∴ 4 > 0.9

4.0.6 or 0.06

Whole part for both = 0

Tenth part for 0.6 = 6

Tenth part for 0.06 = 0

∵ 6 > 0

∴ 0.6 > 0.06

5.0.063 or 0.22

Whole part for both = 0

Tenth part for 0.063 = 0

Tenth part for 0.22 = 2

∵ 2 > 0

∴ 0.22 > 0.063.