

Mathematics

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(Chapter – 8) (Decimals)

(Class – VI)

Exercise 8.3

Question 1:

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



Answer 1:

Before comparing, we write both terms in like decimals:

- | | |
|---------------------|-----------------------------|
| (a) $0.3 < 0.4$ | |
| (b) $0.07 > 0.02$ | |
| (c) 3.0 or 0.8 | $\Rightarrow 3.0 > 0.8$ |
| (d) 0.50 or 0.05 | $\Rightarrow 0.50 > 0.05$ |
| (e) 1.23 or 1.20 | $\Rightarrow 1.23 > 1.20$ |
| (f) 0.099 or 0.190 | $\Rightarrow 0.099 < 0.190$ |
| (g) 1.50 or 1.50 | $\Rightarrow 1.50 = 1.50$ |
| (h) $1.431 < 1.490$ | |
| (i) 3.300 or 3.300 | $\Rightarrow 3.300 = 3.300$ |
| (j) 5.640 or 5.603 | $\Rightarrow 5.640 > 5.603$ |

Question 2:

Make five more examples and find the greater:

- (a) 1.8 or 1.82
- (b) 1.0009 or 1.09
- (c) 10.01 or 100.1
- (d) 5.100 or 5.0100
- (e) 04.213 or 0421.3



Answer 2:

Before comparing, we write both terms in like decimals

- | | |
|------------------------|---|
| (a) 1.80 or 1.82 | $\Rightarrow 1.82$ is greater than 1.8 |
| (b) 1.0009 or 1.0900 | $\Rightarrow 1.09$ is greater than 1.0009 |
| (c) 10.01 or 100.10 | $\Rightarrow 100.1$ is greater than 10.01 |
| (d) 5.1000 or 5.0100 | $\Rightarrow 5.100$ is greater than 5.0100 |
| (e) 04.213 or 0421.300 | $\Rightarrow 0421.3$ is greater than 04.213 |