



NCERT SOLUTIONS FOR CLASS 6 MATHS DECIMALS  
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:** 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:** Before comparing, we write both terms in like decimals

- (i) 1.80 or 1.82  $\Rightarrow$  1.82 is greater than 1.8
- (ii) 1.0009 or 1.0900  $\Rightarrow$  1.09 is greater than 1.0009
- (iii) 10.01 or 100.10  $\Rightarrow$  100.1 is greater than 10.01
- (iv) 5.1000 or 5.0100  $\Rightarrow$  5.100 is greater than 5.0100
- (v) 04.213 or 0421.300  $\Rightarrow$  0421.3 is greater than 04.213

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