

Ordering Decimals

Workout

Question 1

- (a) 3.4, 3.5, 3.7, 3.8, 3.9 (b) 1.8, 2.9, 5.4, 8.7, 9.2
(c) 0.9, 1.2, 4.6, 4.9, 14.1 (d) 8.02, 8.05, 8.09, 8.13, 8.15, 8.24
(e) 0.98, 1.44, 1.48, 1.53, 1.59, 2.11 (f) 0.45, 0.59, 0.88, 1.24, 1.34, 2.01

Question 2:

- (a) 1.08, 1.13, 1.2, 1.29, 1.6 (b) 5.08, 5.1, 5.19, 5.2, 5.21, 5.25
(c) 40.49, 40.6, 40.68, 46, 46.09, 46.1 (d) 0.125, 0.18, 0.199, 0.2, 0.24, 0.3
(e) 0.082, 0.8, 0.807, 0.82, 0.9 (f) 0.076, 0.65, 6.5, 7, 7.65, 65
(g) 0.06, 0.19, 0.2, 0.25, 0.3 (h) 7.007, 7.1, 7.107, 7.49, 7.81, 7.9
(i) 10.009, 10.08, 10.083, 10.3, 10.56 (j) 0.075, 0.256, 0.34, 0.342, 0.4, 0.6

Question 3:

- (a) $6.3 < 6.7$ (b) $0.8 > 0.5$ (c) $2.2 > 2.15$
(d) $8.21 < 8.9$ (e) $9.099 > 9.0971$ (f) $1.205 < 1.23$

Apply

Question 1:

- (a) 10.8°C , 11°C , 12.3°C , 12.7°C , 15°C
(b) -5.1°C , -3°C , 0.7°C , 0.9°C , 1.3°C , 6°C , 8.5°C

Question 2:

- (a) £10, £8, £6.74, £3.30, £2, £1.99
(b) £20, £2.75, £1, £0.82, 80p, 23p, £0.09

Question 3:

London eye 0.41 miles, Trafalgar Square 0.63 miles, Buckingham Palace 0.8 miles, Hyde Park 2.27 miles, Wembley 11.62 miles, Thorpe Park 24.7miles.

Question 4:

- (a) 6.4m, 6.31m, 6.2m, 6.19m, 6.077m, 6.009m
(b) 5kg, 1.2kg, 800g, 0.6kg, 90g

Question 5:

- (a) 1.7m, 1.78m, 1.8m, 1.82m, 1.86m, 1.88m, 1.9m
- (b) 1.82m
- (c) $\frac{3}{7}$

Question 6:

- (a) 0.25 hours, 0.5 hours, 40 minutes, 0.75 hours, 61 minutes, 1.25 hours, 1.5 hours, 100 minutes, 2 hours, 180 minutes
- (b) $\frac{2}{5}$
- (c) 20%