

Examples

Workout



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Question 1: Arrange in order from smallest to largest

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

Question 2: Arrange in order from smallest to largest

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

Question 3: Place the correct sign, < or > between the following pairs of decimals

- (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: Arrange these temperatures in order, from lowest to highest

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



Question 2: Arrange these amounts of money in order, from highest to lowest.

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



Ordering Decimals

Video 95 on www.corbettmaths.com

Question 3: The distance of various landmarks from Big Ben are listed below. Arrange the landmarks in order, from closest to furthest.

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



Question 4: Arrange these measurements in order from largest to smallest

(a) 6.2m, 6.077m, 6.31m, 6.19m, 6.4m, 6.009m

(b) 5kg, 800g, 1.2kg, 90g, 0.6kg

Question 5: The heights of seven footballers are listed below.

1.9m, 1.82m, 1.78m, 1.8m, 1.88m, 1.86m, 1.7m

(a) Arrange the heights in order from smallest to largest.

(b) Write down the median height.

(c) A player is picked at random.
Write down the probability that he is over 1.85m.



Question 6: The lengths of time that it takes to complete a jigsaw are below.

0.5 hours, 1.25 hours, 100 minutes, 0.75 hours, 40 minutes,

2 hours, 1.5 hours, 180 minutes, 61 minutes, 0.25 hours.

(a) Arrange the times in order, from quickest to longest.

(b) What fraction of the people completed the jigsaw in under 1 hour?

(c) What percentage of people took 2 hours or longer?

Answers



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