

Workout

Question 1:

(a) 3.5 (b) 0.1 (c) 9.8 (d) 12.8

Question 2:

(a) 4.8 (b) 6.2 (c) 9.8 (d) 10.6 (e) 21.4 (f) 3.1 (g) 48.2
(h) 29.3 (i) 80.9 (j) 0.4 (k) 248.4 (l) 637.5 (k) 62.9 (l) 10
(10.0)

Question 3:

(a) 4.3 (b) 7.7 (c) 2.5 (d) 1.7

Question 4:

(a) 5.2 (b) 8.2 (c) 10.1 (d) 39.6 (e) 0.8
(f) 93.3 (g) 38.3 (h) 7.3 (i) 0.5

Question 5:

(a) 5.12 (b) 7.87 (c) 0.44 (d) 16.01

Question 6:

(a) 3.49 (b) 2.61 (c) 1.98 (d) 10.05 (e) 8.16
(f) 19.37 (g) 3.14 (h) 6.07 (i) 4.26 (j) 93.46

Question 7:

(a) 0.035 (b) 6.757 (c) 4.225 (d) 1.758
(e) 40.485 (f) 128.019 (g) 0.506 (h) 384.456

Apply

Question 1: 51.3%

Question 2: (a) 5.4 (b) 5.43

Question 3: Daniel has moved the decimal place instead of rounding.

Question 4: Any 10 values from $9.15 \leq x < 9.25$ such as 9.18 or 9.218 etc

Question 5: 0.47g

Question 6: Here is a possible solution –

A = 8.33 and B = 5.13 – the difference is 3.2

C = 8.3 and B = 5.1 – the difference is 3.2