

Decimals and Rounding

ANSWERS

No calculator | 30 minutes | Total marks: 27

Name _____ Class _____

- 1 (a) Write down the value of the digit 7 in the number 3.47

Answer 7 hundredths (1) [1 mark]

- (b) Write these numbers in order of size. Start with the smallest.

0.4 0.34 0.43 0.3

Answer 0.3, 0.34, 0.4, 0.43 (1) [1 mark]

- 2 Work out

- (a) $3.4 + 2.5$

Answer 5.9 (1) [1 mark]

- (b) $7.6 - 2.8$

Answer 4.8 (1) [1 mark]

- (c) $£4.35 + £2.80$

columns lined up (1)

Answer £ 7.15 (1) [2 marks]

- (d) $£10 - £6.45$

correct method (1)

Answer £ 3.55 (1) [2 marks]

3

Work out

(a) 4.6×10

Answer 46 (1) [1 mark]

(b) 0.72×100

Answer 72 (1) [1 mark]

(c) $35 \div 10$

Answer 3.5 (1) [1 mark]**4**

(a) Round 78 to the nearest 10

Answer 80 (1) [1 mark]

(b) Round 432 to the nearest 100

Answer 400 (1) [1 mark]

(c) Round 6500 to the nearest 1000

Answer 7000 (1) [1 mark]

(d) Round 3.67 to 1 decimal place.

Answer 3.7 (1) [1 mark]

(e) Round 5.342 to 2 decimal places.

Answer 5.34 (1) [1 mark]

5

Work out

(a) 2.3×4

$23 \times 4 = 92$ (1)

Answer 9.2 (1)

[2 marks]

(b) $8.4 \div 2$

Answer 4.2 (1)

[1 mark]

(c) $13.5 \div 3$

$135 \div 3 = 45$ (1)

Answer 4.5 (1)

[2 marks]

6

(a) Round 3482 to 1 significant figure.

Answer 3000 (1)

[1 mark]

(b) Round 0.0672 to 1 significant figure.

Answer 0.07 (1)

[1 mark]

7

Use rounding to estimate the value of 48×21

50×20 (1)

Answer 1000 (1)

[2 marks]

8

A pen costs £1.20

(a) Work out the cost of 3 pens.

Answer £ 3.60 (1)

[1 mark]

(b) Ravi pays for the 3 pens with a £5 note.

Work out how much change he gets.

Answer £ 1.40 (1)

[1 mark]

Question	Topic	RAG
1	I can use place value and order decimals	
2	I can add and subtract decimals, including money	
3	I can multiply and divide by 10 and 100	
4	I can round whole numbers and decimals	
5	I can multiply and divide a decimal by a whole number	
6	I can round to 1 significant figure	
7	I can estimate by rounding	
8	I can solve a money problem	