

Number

ANSWERS

No calculator | 30 minutes | Total marks: 28

Name _____ Class _____

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

4082 4208 4028 4280

Answer 4028, 4082, 4208, 4280 (1) [1 mark]

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

0.7 0.07 0.72 0.27

Answer 0.07, 0.27, 0.7, 0.72 (1) [1 mark]

- (c) Write < or > in each box.

3.4 3.25 (1) -3 -7 (1)

[2 marks]

- 2 Work out

- (a) $467 + 285$

Answer 752 (1) [1 mark]

- (b) $£12.40 - £7.85$

correct column method (1)

Answer £ 4.55 (1) [2 marks]

- (c) 34×100

Answer 3400 (1) [1 mark]

3

Work out

(a) $3 + 4 \times 5$

Answer 23 (1)

[1 mark]

(b) $(8 - 2) \times 3$

Answer 18 (1)

[1 mark]

(c) $20 - 2 \times 3^2$

$$20 - 2 \times 9 = 20 - 18 (1)$$

Answer 2 (1)

[2 marks]

4

Work out 46×23

$$40 \times 20 = 800 \quad 6 \times 20 = 120$$

$$40 \times 3 = 120 \quad 6 \times 3 = 18 (1)$$

$$800 + 120 + 120 + 18 (1)$$

Answer 1058 (1)

[3 marks]

5

Work out $252 \div 7$

$$\text{short division with } 25 \div 7 = 3 \text{ remainder } 4 (1)$$

Answer 36 (1)

[2 marks]

6

A bag of apples costs 47p.

Tom buys 8 bags.

Tom says, "The total cost is £4.06"

Is Tom correct?

You **must** show your working.

$$8 \times 47 = 376 (1)$$

$$\text{No, the total cost is £3.76 (1)}$$

[2 marks]

7

Work out

(a) 7^2

Answer 49 (1)

[1 mark]

(b) $\sqrt{81}$

Answer 9 (1)

[1 mark]

(c) 2^3

Answer 8 (1)

[1 mark]

8(a) The temperature at 6 am is -3°C .By midday the temperature has gone up by 8°C .

Work out the temperature at midday.

Answer 5 (1) $^\circ\text{C}$

[1 mark]

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

 -4 3 -1 0 -6 Answer -6, -4, -1, 0, 3 (1)

[1 mark]

9

(a) Round 3472 to the nearest hundred.

Answer 3500 (1)

[1 mark]

(b) Round 6.38 to 1 decimal place.

Answer 6.4 (1)

[1 mark]

- 10** A pack of 6 pens costs £2.70
Work out the cost of one pen.

$$270 \div 6 \text{ (1)}$$

Answer 45 (1) p [2 marks]

Question	Topic	RAG
1	I can order whole numbers and decimals and use inequality signs	
2	I can add, subtract and multiply by 100	
3	I can use the order of operations (BIDMAS)	
4	I can multiply two digit numbers	
5	I can use short division	
6	I can check a calculation with money	
7	I know square numbers, cube numbers and square roots	
8	I can order and use negative numbers	
9	I can round to the nearest hundred and to 1 decimal place	
10	I can work out a unit price	