

Rounding

Q1.

Complete the table.

Number	Rounded to nearest 1000	Rounded to nearest 100,000
385,704		400,000
809,601		

2 marks

Q2.

Here are three supermarket bills.

Tom rounds each bill **to the nearest £10** and then adds them up.

What is the total amount that Tom gets?

Mary adds up the three bills **exactly**.

What is the total difference between her total and Tom's total?



2 marks

Q3.

Write in the missing numbers.

Number	Rounded to the nearest whole number
5.05	
5.55	
4.45	
4.54	

2 marks

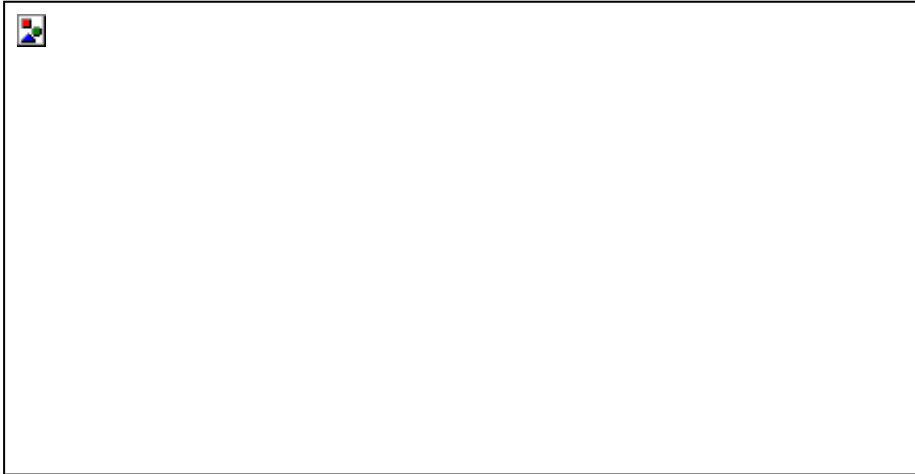
Q4.Complete this table by rounding the numbers to the **nearest hundred**.

	Rounded to the nearest hundred
20,906	
2,090.6	
209.06	

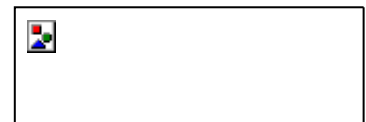
2 marks

Q5.

Here are three bags in a shop



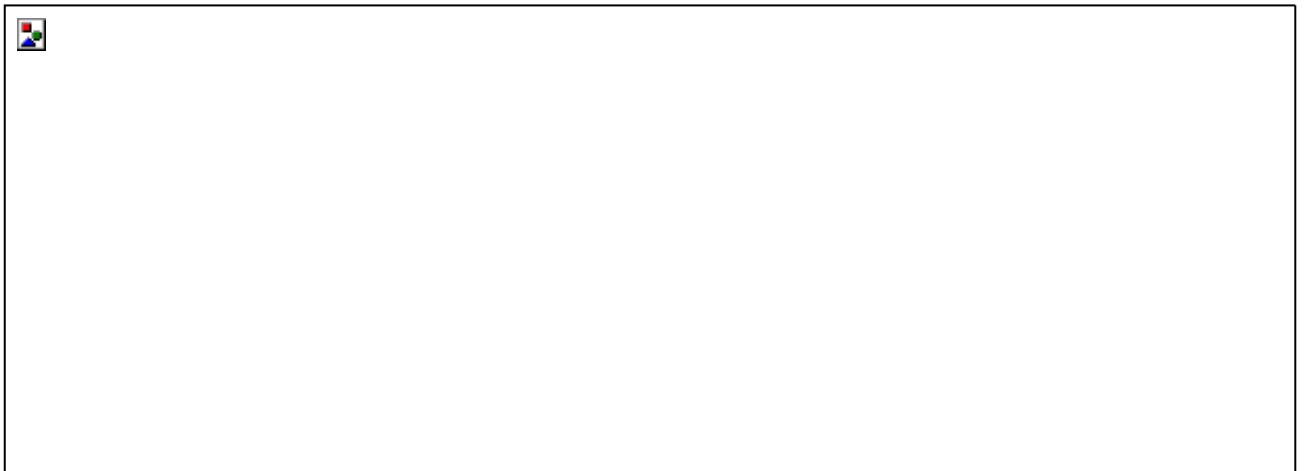
How much does bag B cost to the nearest pound?



1 mark

Jamie buys bag A and bag C.

How much change does he get from £40?



2 marks

Q6.

Round **124,531**

to the nearest 10,000



to the nearest 1,000



to the nearest 100



2 marks

Q7.

Ali puts these five numbers in their correct places on a number line.

511

499

502

555

455

Write the number **closest** to 500



1 mark

Write the number **furthest** from 500



1 mark

M1. All three numbers correct or any two correct

Number	Rounded to nearest 1000	Rounded to nearest 100 000
385 704	386 000	400 000
809 601	810 000	800 000

2

or

Any two correct

1

[2]

M2. (a) £200

1

(b) Award **TWO** marks for the correct answer of 37p **OR** £0.37

OR

for finding the correct difference between £199.63 and the answer given for 13a

*Answer to (a) must be a multiple of £10 for the award of **TWO** follow-through marks.*

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg

$$74.68 + 65.90 + 59.05 = 199.63$$

$$200 - 199.63$$

OR

for evidence of an appropriate method to find the correct difference between £199.63 and the answer given for (a).

*Answer need not be obtained for the award of **ONE** mark.*

*Accept for **ONE** mark £37p **OR** 0.37p **OR** £37 as evidence of appropriate method.*

Up to 2

[3]

M3. Award **TWO** marks for all values correct as shown:

	Number	Rounded to the nearest whole number
	5.05	5
	5.55	6
	4.45	4
	4.54	5

If the answer is incorrect, award **ONE** mark for three numbers correctly rounded.

Up to 2

[2]

M4.

Award **TWO** marks for three boxes completed correctly as shown:

	Rounded to the nearest hundred
20,906	20,900
2,090.6	2,100
209.06	200

If the answer is incorrect, award **ONE** mark for two boxes correct.

Up to 2m

[2]

M5. (a) £15

1

(b) Award **TWO** marks for the correct answer of £12

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg

$$11.50 + 16.50 = 28$$

$$40 - 28 = \text{wrong answer}$$

*Accept: for ONE mark £1200 **OR** £1200p as evidence of appropriate working.*

*Working must be carried through to reach an answer for the award of **ONE** mark.*

Up to 2

[3]

M6. Award **TWO** marks for all three numbers correctly rounded:

120,000

125,000

124,500

If the answer is incorrect, award **ONE** mark for any two numbers correctly rounded.

Up to 2

[2]

M7.

(a) 499

1

(b) 555

1

[2]