Q1.

Write in the missing numbers in this multiplication grid.

×	5	□	□
4	20	36	32
□	35	63	56
□	30	54	48

2 marks

Q2.

Use the digits **2, 3** and **4** once to make the multiplication which has the **greatest product.**

□ □ × □

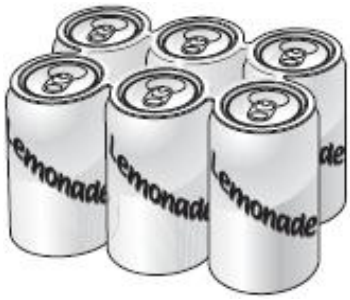
1 mark

Q3.

Asim and Mike both buy **12** cans of lemonade.

pack of 4 cans
£1.20

Asim buys 3 packs of 4 cans.



pack of 6 cans
£1.70

Mike buys 2 packs of 6 cans.

Mike says to Asim,

'You paid 50p more than me'.

Is Mike correct?

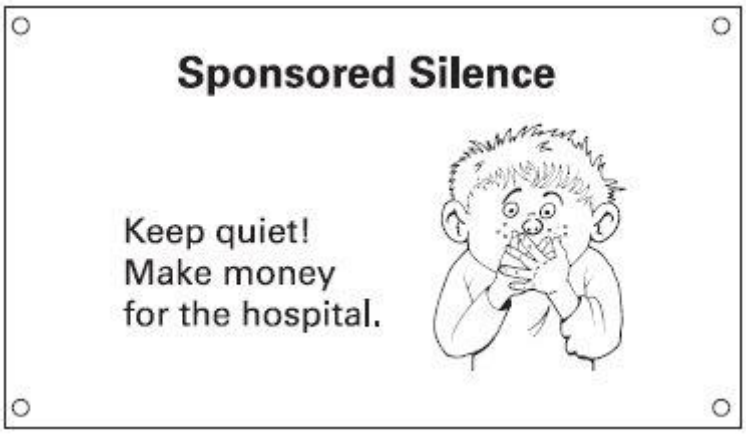
Circle **Yes** or **No**. Yes / No

Explain how you know.

1 mark

Q4.

Two children take part in a sponsored silence.



Laura

'I kept quiet from 10:30 to 10:35 in the morning. I got £3.42 a minute.'

Carl

'I kept quiet for half an hour. I got 35p a minute.'

How much money did each child get?

Laura £

Carl £

2 marks

Q5.

Write the missing number.

$4 \times 5 \times \square = 140$

1 mark

Q6.

$14 \times 15 \times 16 = 3{,}360$

What is the answer to

$15 \times 16 \times 14 = \square$

1 mark

Q7.

Complete the number sentences using these cards.

× 10	÷ 10	× 100	÷ 100

$25 \square = 2.5$

$7 \square = 0.07$

$3.6 \square = 360$

2 marks

Q1.

Award **TWO** marks for all four boxes completed correctly as shown:

×	5	9	8
4	20	36	32
7	35	63	56
6	30	54	48

If the answer is incorrect, award **ONE** mark for the three boxes completed correctly.

up to 2 (U1)

[2]

Q2.

3	2	×	4

U1

[1]

Q3.

An explanation that recognises that Asim paid 20p more than Mike, eg

- 'Asim paid £3.60 and Mike paid £3.40 so Asim paid 20p more';
- 'Asim paid only 20p more for 3 lots of 4 cans';
- £3.60 is 20p more than £3.40, not 50p';
- 'Mike paid 20p less than Asim'.

OR

An explanation that recognises that Asim paid £3.60 and Mike paid £3.40, eg

- 'Asim paid £3.60 and Mike paid £3.40';
- 'Because 50p more would mean that Asim spent £3.90 but he spent £3.60';
- '£3.60 is not 50p more than £3.40'.

***Award** the mark if either NO is circled **OR** if neither 'Yes' or 'No' is circled, provided a correct unambiguous explanation is given.*

***Do not** award the mark for circling 'No' alone.*

***Do not** accept an explanation which makes comparisons between incorrect amounts of money, eg*

- *'Asim's only cost him £3.40 and Mike's cost him £3.80';*
- *'Because 2 × £1.70 = £2.40 and 3 × £1.20 = £3.60 and £3.60 is 120p more than £2.40 not 50p more than £2.40'.*

***Do not** accept an explanation which makes comparisons between the price of one of each pack, eg*

- *'Because 4 cans cost £1.20 and 6 cans cost £1.70 so*

take the cost of £1.20 – £1.70 = 50p'.

***Do not** accept an explanation which is vague or ambiguous or merely restates the question, eg*

- *'I know that Mike must be wrong because Mike's costs a lot more than 50p more';*
- *'I know Mike paid 50p more'.*

U1

[1]

Q4.

(a)

Laura **£17.10**

*Accept £17.10p **OR** £17 10 **OR** £17 10p **OR** 1710p written outside the box.*

***Do not** accept £1710 **OR** £1710p **OR** £17.1*

1

(b)

Carl **£10.50**

The above guidance on notation applies also to this mark.

1

[2]

Q5.

7

[1]

Q6.

3,360

[1]

Q7.

Award **TWO** marks for the sentences completed as shown:

25	÷ 10	=	2.5
7	÷ 100	=	0.07
3.6	× 100	=	360

Award **ONE** mark for any two sentences correct.

[2]