

Q3. The **difference** between two numbers is 2

When each number is rounded to the nearest hundred, the difference between them is 100

Write what the two numbers could be.

and

1 mark

Q4. Calculate 55% of 640

1 mark

Q5. Here is part of a number line.

What is the value of X?

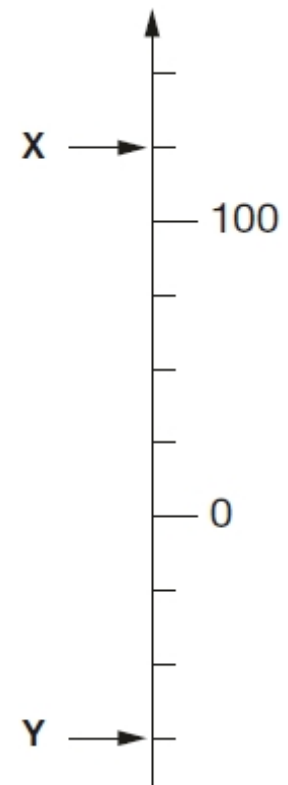
X =

1 mark

What is the value of Y?

Y =

1 mark



Q6. This is Kirsty's recipe for breakfast cereal.

50 grams of oats

30 grams of raisins

40 grams of nuts

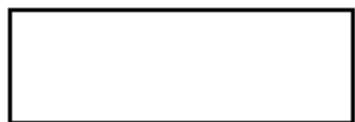
If she uses 125 grams of oats, how many grams of raisins does she need?

2 marks

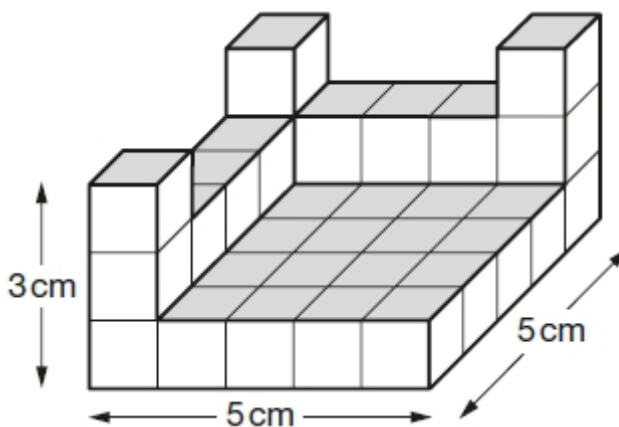


Q7. This shape is made of wooden centimetre cubes.

How many **more** centimetre cubes are needed to make it into a solid cuboid 3 cm tall, 5 cm long and 5 cm wide?



1 mark



Not actual size

Q8. (a) 1 kilogram of grapes costs £5.80

Megan buys 700 grams of grapes.

How much does she pay?



1 mark

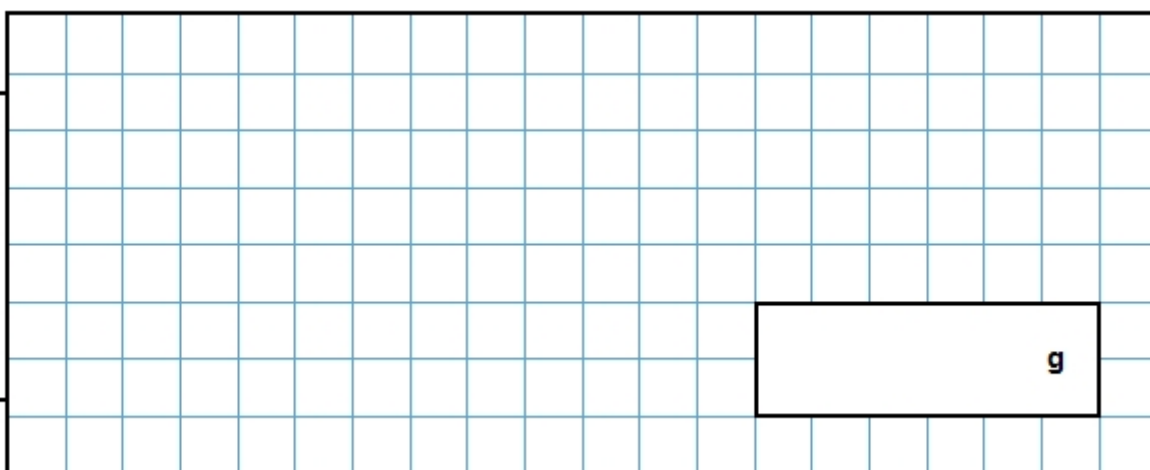
(b) 1 kilogram of cheese costs £13.50

Megan buys a piece of cheese costing £2.49

What is the mass of the cheese to the nearest 100 grams?



Show your method

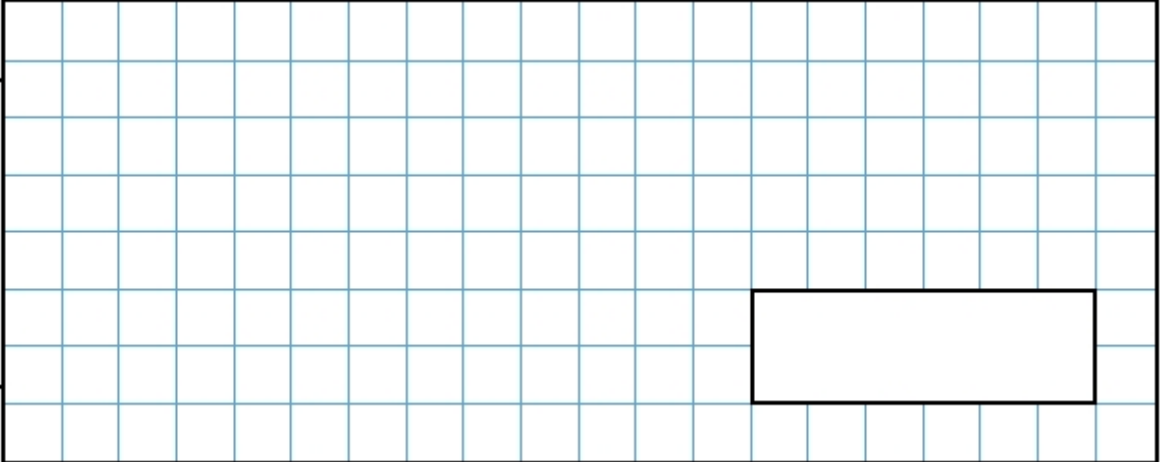


2 marks

Q9.

Calculate $936 \div 36$

Show your method



2 marks

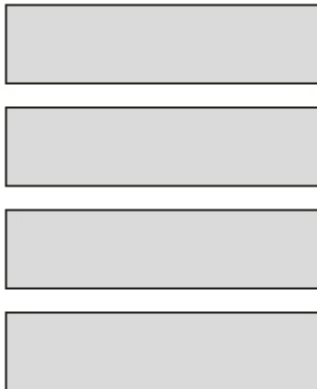
Q10.

The **area** of this square is 36 cm^2 .

The square is cut into quarters to create 4 identical rectangles.

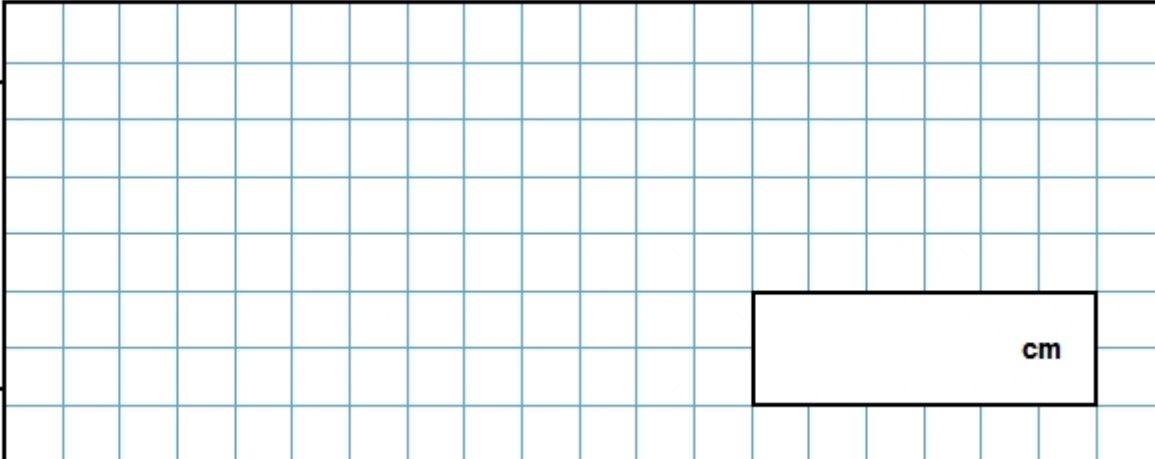


Not actual size



What is the **perimeter** of **one** of the small rectangles?

Show your method



2 marks

Mark schemes

Q1. Award **TWO** marks for the correct answer of 55p **OR** £0.55

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

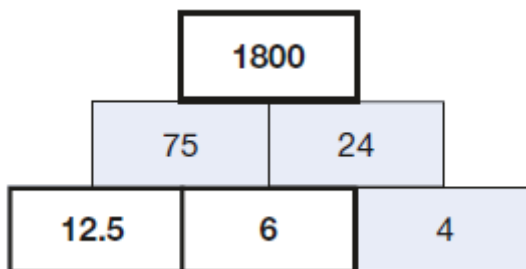
■ $£2.35 - £1.25 = £1.10$

$£1.10 \div 2 =$ wrong answer

*Accept for **ONE** mark £55 **OR** £55p **OR** 0.55p as evidence of appropriate working.*

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

Q2 Gives the three correct numbers in their correct positions, ie:



Accept unambiguous indication

Accept equivalent fractions and decimals, eg:

• accept $12\frac{3}{5}$ for 12.5

2

or

Gives two correct numbers in their correct positions

1

[2]

Q3. Two numbers with a difference of 2, in the range 48 **inclusive** to 52 **exclusive** eg:

■ 48 **AND** 50 **OR** 51.9 **AND** 49.9

OR any pair of numbers that differ from those above by a multiple of 100 and have a difference of 2, eg:

■ 149 **AND** 151

OR ■ 648 **AND** 650

Q4. 352

Do not accept 352%

[1]

Q5. (a) $X = 125$

(b) $Y = -75$

Do not accept 75-

Q6. Award **TWO** marks for the correct answer of 75

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

- $125 \div 50 = 2.5$
 $2.5 \times 30 = \text{wrong answer}$

OR

- 50g oats 30g raisins
25g oats 15g raisins ($\div 2$)
125g oats wrong answer ($\times 5$)

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

Q7.

38

Q8.

(a) £4.06

(b) 200

Or Gives an answer of 180 or 184 or 184.4(...)

Q9.

Award **TWO** marks for the correct answer of 26

Q10.

15

or

6(cm) and 1.5(cm) seen (*the dimensions of the rectangle*)