Year 7
Addition and Subtraction

Name _____

1

Hundreds	Tens	Ones
100 100	10 10 10 10 10 10	1 1 1 1 1 1
100 100 100 100	10 10 10 10 10 10 10	1 1 1 1 1

+

Write down the addition represented on the place value grid.

_____ + _____

1 mark

Work out the answer to the addition.

_____

1 mark

2 Tick the calculations that would give the **same** answer as $342 - 96$
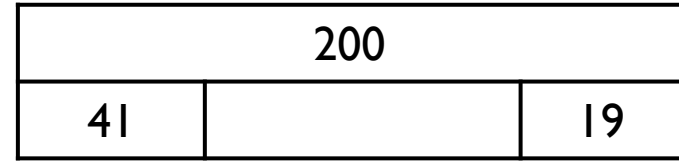
$346 - 100$ ☐

$342 - 100 + 4$ ☐

$96 - 342$ ☐

2 marks

3 Complete the bar model.

200		
41		19

1 mark

4 Kris buys new headphones for £12.48 and a chocolate bar for 60p.

How much does she spend altogether?
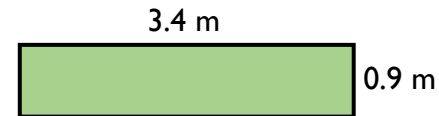
£ _____

1 mark

Kris had £25 to start with, how much does she have now?

£ _____

1 mark

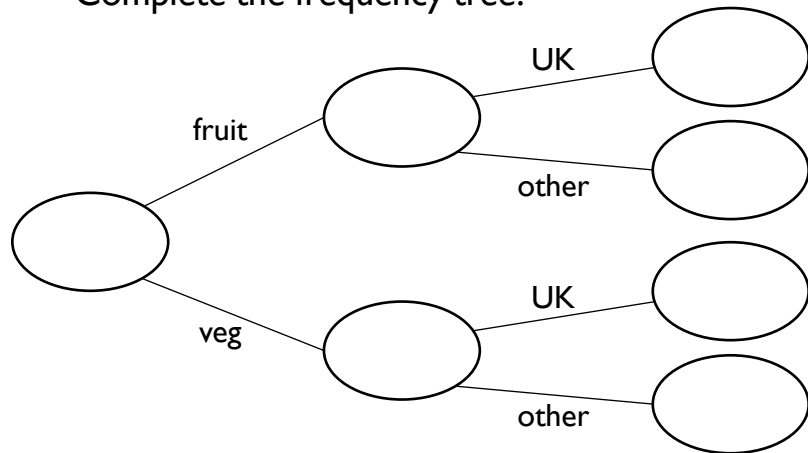**5** Here is a drawing of a farmer's field.

3.4 m

0.9 m

Work out the perimeter of the field.

_____ m

2 marks

6 A fruit and veg shop sells 388 products.
185 of these are fruit.
52 types of fruit were grown in the UK
77 types of vegetable were grown in the UK.
Complete the frequency tree.

2 marks

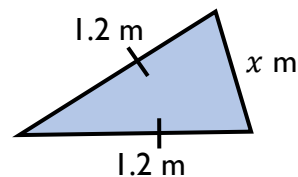**7** Deepak and Ganga the tigers were weighed before and after being put on a new diet.

	Before (kg)	After (kg)
Deepak		152.5
Ganga	106.2	97

Deepak lost 11.5 kg. Complete the table.

1 mark

Which tiger lost the most weight?
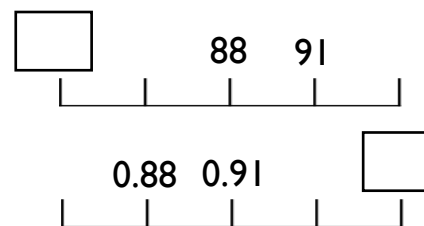Show working to justify your answer.

1 mark

8 The isosceles triangle has a perimeter of 4 m.
Work out the value of x.

$x =$ _____

2 marks

9 Both number lines go up in equal intervals.
Work out the missing numbers.

2 marks

10 Here are the first 2 terms of a **linear** sequence.

$$9\frac{3}{4} \qquad 10.8 \qquad \ldots\ldots$$

What is the next term?

_____

2 marks

11 **H** Given that $a = 1.5 \times 10^2$ and $b = 2.7 \times 10^{-1}$, work out the value of $a + b$.

_____

1 mark

Total marks