

Year 7

Addition and Subtraction



Name _____

1

	Hundreds	Tens	Ones
+			

Write down the addition represented on the place value grid.

$$\underline{\quad 276 \quad} + \underline{\quad 385 \quad}$$

1 mark

Work out the answer to the addition.

$$\underline{\quad 661 \quad}$$

1 mark

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

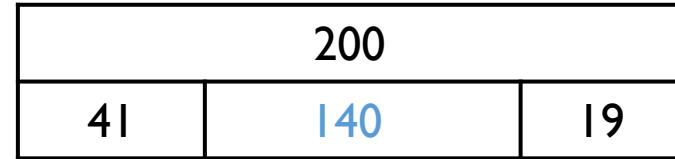
$346 - 100$

$342 - 100 + 4$

$96 - 342$

2 marks

- 3 Complete the bar model.



1 mark

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

How much does she spend altogether?

£ 13.08

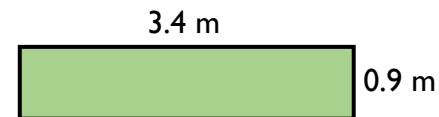
1 mark

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

£ 11.92

1 mark

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



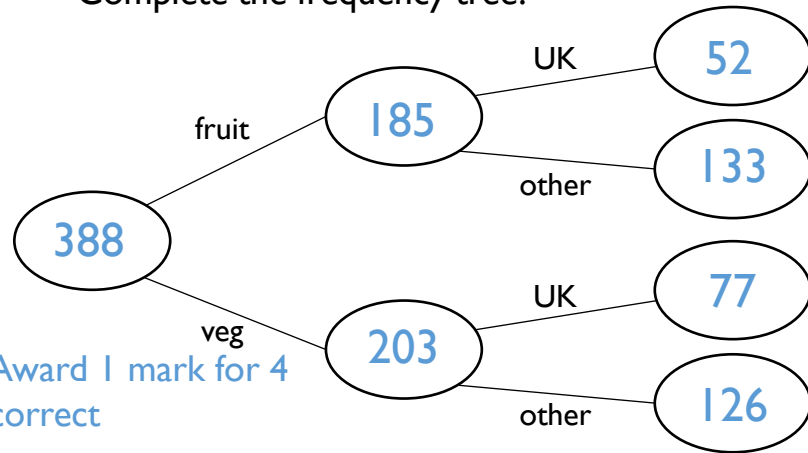
Work out the perimeter of the field.

Award 1 mark for correct method to find the perimeter with one calculation mistake

8.6 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.



Award 1 mark for 4 correct

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

	Before (kg)	After (kg)
Deepak	164	152.5
Ganga	106.2	97

Deepak lost 11.5 kg. Complete the table.

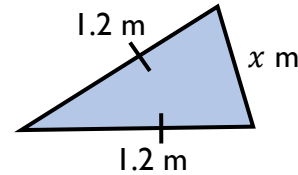
Which tiger lost the most weight?

Show working to justify your answer.

$$106.2 - 97 = 9.2$$

Deepak

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



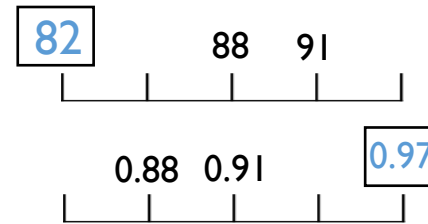
Award 1 mark for correct method with 1 calculation error

$$x = 1.6$$



2 marks

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



2 marks



2 marks

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

$$9\frac{3}{4} \quad 10.8 \quad \dots\dots$$

What is the next term?

Award 1 mark for correct conversion of one of the terms

$$11.85 \text{ oe}$$



2 marks

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

$$150.27$$



1 mark



1 mark

Total marks

