

Year 4

Addition and Subtraction Reasoning

Q1.

The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.

	155	200	245		
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2 marks

Q2.

These are the prices of coconuts and bananas.



coconuts
78p each



bananas
£1.20 for 1kg

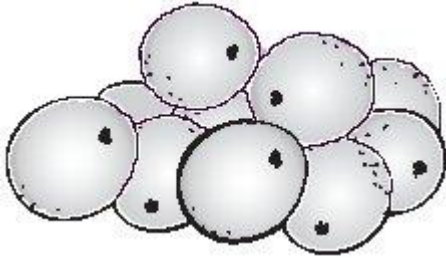
Josh buys **one coconut** and **half a kilogram** of **bananas**.

How much does he spend altogether?

Show your method																				
															£					

2 marks

Oranges cost **25p** each.



How many oranges can Josh buy for **£1.50**?

1 mark

Q3.

Write the missing digits to make this **addition** correct.

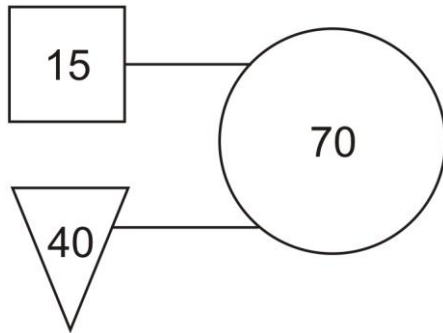
$$\boxed{} \boxed{2} \boxed{} + \boxed{} \boxed{2} = 200$$

1 mark

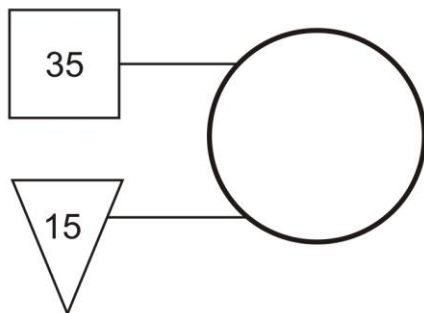
Q4.

In this diagram the rule is

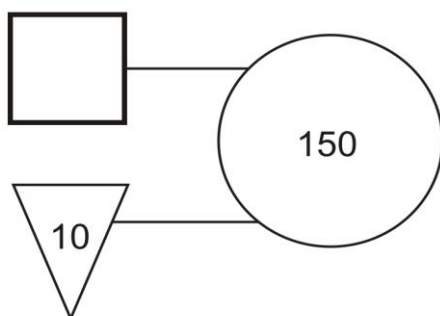
***‘double the number in the square
and add the number in the triangle
to make the number in the circle’.***



Use the same rule to write in the missing numbers below.



1 mark

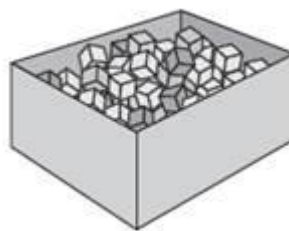


1 mark

Q5.

Seb has a box of **120** cubes.

He uses some of the cubes to build a tower.



77 cubes are left over.

How many cubes has he used?

1 mark

Seb has **77** cubes left over.

He builds two more towers.

One tower uses **18** cubes and the other uses **35** cubes.

How many of his **77** cubes has he got left now?

Show your method

2 marks

Q6.

In these calculations, each missing sign is a **+** or a **-**

Write the missing signs in the circles.

8 ○ 7 ○ 6 ○ 5 = 2

1 mark

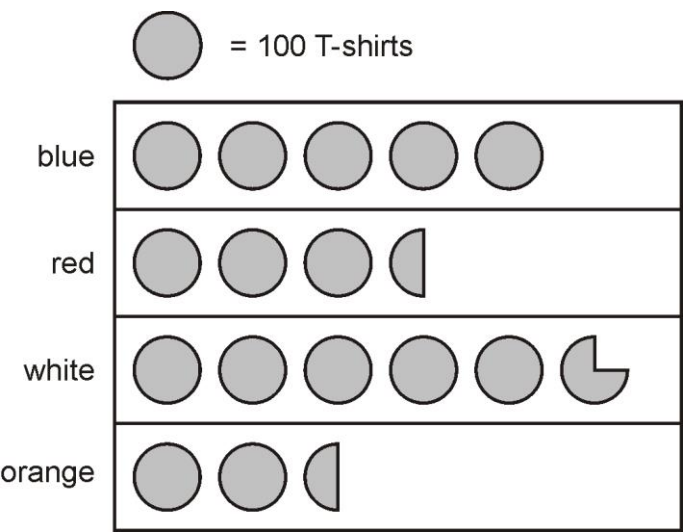
8 ○ 7 ○ 6 ○ 5 = 4

1 mark

Q7.

A shop sells T-shirts.

This chart shows how many T-shirts were sold in a month.



Write the colours of the T-shirts that sold **more than 400** in the month.

1 mark

How many red T-shirts and orange T-shirts were sold **altogether**?

1 mark

How many **more** white than blue T-shirts were sold?

1 mark

Q8.

These are some prices in a fish and chip shop.

Fish £2.30	Peas 35p
Sausage £1.80	Curry sauce 40p
Chips (small bag) 60p	Bread roll 30p
Chips (large bag) 90p	Pickled onion 28p

Alfie buys one fish, a large bag of chips and a pickled onion.

How much does he pay?

£

1 mark

Megan buys a sausage and a bread roll.

Chen buys a small bag of chips and a curry sauce.

How much **more** does Megan pay than Chen?

Show your method

£

2 marks

Q9.

Write the three missing digits to make this **addition** correct.

$$\begin{array}{r} 15\Box \\ + 4\Box4 \\ \hline \Box15 \end{array}$$

2 marks

Q10.

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a **£10** note.

How much change does John get?

Show your method

£

2 marks