Q1.
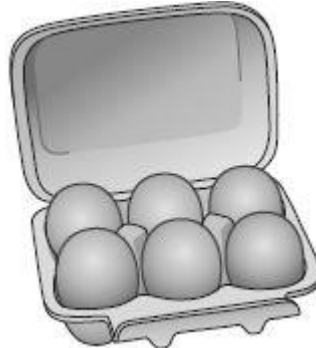
A farmer is packing eggs.

Each box holds **six** eggs.

The farmer has 980 eggs to pack.

How many boxes can the farmer **fill** using 980 eggs?

full boxes

1 mark

How many eggs will be left over?

left over

1 mark

Q2.

A spoonful is **5ml.**

How many spoonfuls can you get from this bottle?

1 mark

Q3.

Jack chose a number.

He multiplied the number by 7

Then he added 85

His answer was 953

What number did Jack choose?

Show your method

2 marks

Q4.

Complete the number sentences.

$340 \div 7 =$ ⬚ remainder ⬚

1 mark

⬚ $\div 3 = 295$ remainder 2

1 mark

Q5.

There are 275 children in Fernley School.
They get into groups of eight.

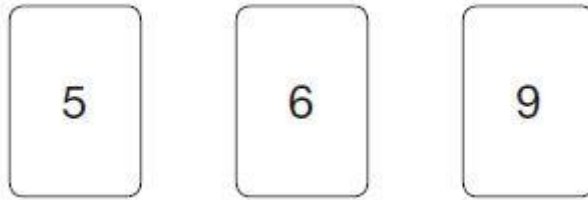What is the largest number of groups of eight that they can make?

| groups |

1 mark

Q6.

96 pupils and teachers go by minibus to the sports tournament.
How many 15-seater minibuses will be required?

| minibuses |

1 mark

Q7.

A box contains trays of melons.

There are 15 melons in a tray.

There are 3 trays in a box.

A supermarket sells **40** boxes of melons.

How many melons does the supermarket sell?

Show your method

melons

2 marks

Q8.

In this sequence, the rule to get the next number is

Multiply by 2, and then add 3

Write the missing numbers.

| | 25 | 53 | |

2 marks

Q9.
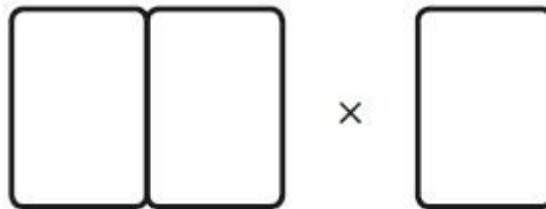
Chen uses these digit cards.

| 5 | 6 | 9 |

She makes a 2-digit number and a 1-digit number.

She multiplies them together.

Her answer is a **multiple of 10**

What could Chen's multiplication be?

☐☐ × ☐

1 mark

Q10.

In the circles, write a multiple that belongs to each set.

One has been done for you.

| numbers from 1 to 99 | multiple of **10** | (50) |

| numbers from 101 to 199 | multiple of **20** | ( ) |

| numbers from 201 to 299 | multiple of **30** | ( ) |

| numbers from 301 to 399 | multiple of **40** | ( ) |

2 marks

Q11.

Here are six digit cards.

| 2 | 3 | 4 | 5 | 6 | 7 |

Use **all six** digit cards to make three multiples of 3

☐☐   ☐☐   ☐☐

1 mark

Q12.

Amir says,

'All numbers that end in a 4 are multiples of 4'.

Is he correct?
Circle **Yes** or **No**.

Yes / No

Explain how you know.

1 mark

Q13.

50 children need **two** pencils each.

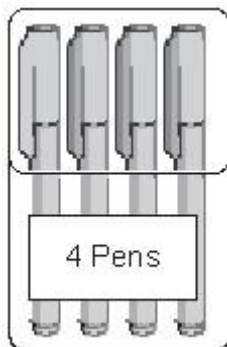There are 20 pencils in a box.

20 Pencils

How many boxes of pencils are needed?

boxes

1 mark

50 children need **one** pen each.

4 Pens

Pens are sold in packs of 4
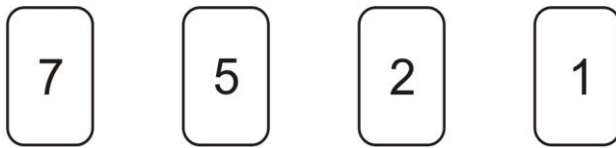
How many packs of pens need to be bought?

packs

1 mark

Q14.

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

$$\boxed{}\ \boxed{}\ \times\ \boxed{}$$

1 mark

Q15.

Here are four digit cards.

$$\boxed{7}\quad \boxed{5}\quad \boxed{2}\quad \boxed{1}$$

Choose two cards each time to make the following two-digit numbers.

The first one is done for you.

an even number $\boxed{5}\ \boxed{2}$

a multiple of 9 $\boxed{}\ \boxed{}$

a square number $\boxed{}\ \boxed{}$

a factor of 96 $\boxed{}\ \boxed{}$

2 marks

Q16.

Parveen has the **same number** of 20p and 50p coins.

She has £7.00

How many of **each** coin has she?

of **each** coin

1 mark

Q18.

Chris saves **50p** coins.

He has saved **45** of them.

How much money has Chris saved?

1 mark

Michelle has saved **£8.40** in **20p** coins.

How many **20p coins** does Michelle have?

Show your method

2 mark

Q19.

Circle **one number** on the grid which can be **divided by 9** with a **remainder of 1**

97	98	99
107	108	109
117	118	119

1 mark

Q20.

Ben has 2 types of coin in his pocket.

He has 4 coins of one type and 2 coins of another type.

Altogether he has £1

What two types of coins does he have?

Ben has 4 [p   ] coins and 2 [p   ] coins.

1 mark

Q21. Here is a sorting diagram for numbers.

Write a number less than 100 in each space.

	even	**not** even
a cube number		
not a cube number		

2 marks