

**Q1.**

A machine pours 250 millilitres of juice every 4 seconds.

How many **litres** of juice does the machine pour every **minute**?

Show your method

Show your method										

litres

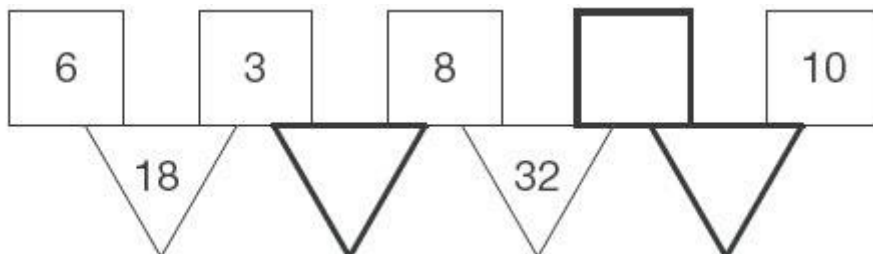
2 marks

**Q2.**

In this diagram the rule is

***'to make the number in a triangle, multiply the numbers in the two squares above it'.***

Write in the three missing numbers.



2 marks

**Q3.**


Calculate  $936 \div 36$

Show your method

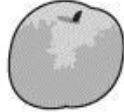
2 marks

**Q4.**

Small peaches  
15p each



Large peaches  
25p each



Emily has £5 to spend on peaches.

She decides to buy only small peaches or only large peaches.

How many **more** small peaches than large peaches can she buy for £5?

Show your method

2 marks

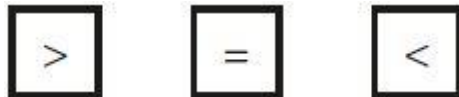
**Q5.**

Join each box to the correct number.

One has been done for you.

$6 \times 5$	30
half of 98	32
double $4 \times 4$	44
	49

1 mark

**Q6.**

Write the correct symbol in each box to make the statements correct.

$11 \times 12$	<input type="checkbox"/>	$15 \times 10$
$90 \div 30$	<input type="checkbox"/>	$60 \div 20$
$120 \div 4$	<input type="checkbox"/>	$160 \div 8$
$30 \times 8$	<input type="checkbox"/>	$100 \times 10$

2 marks

**Q7.**

Write the missing number.

$$12.5 \div \square = 7.5 \div 1.5$$

1 mark

**Q8.**

Dev has a bag of 50p coins and Holly has a bag of 20p coins.



Dev's bag



Holly's bag

Both bags have the same amount of money in.

There are **thirty** 50p coins in Dev's bag.

How many 20p coins are there in Holly's bag?

Show  
your  
method

**20p coins**

2 marks

**Q9.**

Plastic cups are sold in packs of 8

Amir needs 27 cups.



How many packs must he buy?

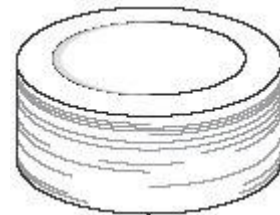
<b>packs</b>
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1 mark

There are 30 paper plates in a pack.

Amir buys 2 packs.

He uses 37 plates.



How many plates are left?

<b>plates</b>
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1 mark

**Q10.** Write the correct sign =, > or < in each circle.

$9 \times 3$	<input type="text"/>	$8 \times 4$
$9 - 3$	<input type="text"/>	$8 - 4$
$9 + 3$	<input type="text"/>	$8 + 4$
$9 \div 3$	<input type="text"/>	$8 \div 4$

2 marks

**Q11.** Write the missing number in each calculation.

$$25 \div \boxed{\phantom{000}} = 3 \text{ remainder } 4$$

1 mark

$$35 \div \boxed{\phantom{000}} = 4 \text{ remainder } 3$$

1 mark

**Q12.** Complete these calculations.

15	$\times$	100	=	<input type="text"/>
<input type="text"/>	$\times$	10	=	1500
<input type="text"/>	$\div$	100	=	150
150	$\div$	10	=	<input type="text"/>

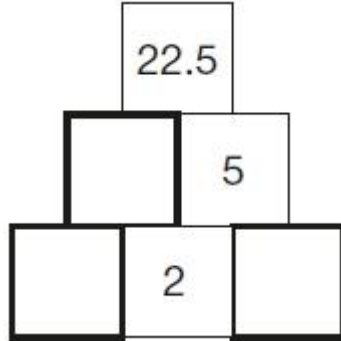
2 marks

**Q13.**

Here is a number pyramid.

The number in a box is the **product** of the two numbers below it.

Write the missing numbers.

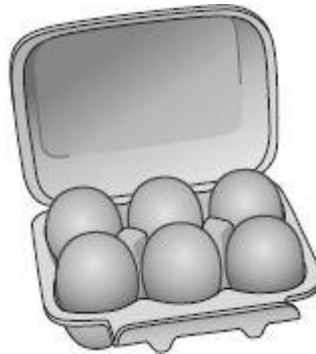


2 marks

**Q14.**

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

**Q15.**

Large pizzas cost £8.50 each. Small pizzas cost £6.75 each. Five children together buy one large pizza and three small pizzas. They share the cost equally. How much does each child pay?

Show your method

2 marks

**Q16.** Here are six cards.

$\times 10$	$\times 100$	$\times 1000$
$\div 10$	$\div 100$	$\div 1000$

Use a card to complete each calculation.

$$5.3 \boxed{\phantom{000}} = 0.53$$

$$5.3 \boxed{\phantom{000}} = 5300$$

$$5.3 \boxed{\phantom{000}} = 0.053$$

2 marks

**Q17.**

Amina posts three large letters.

The postage costs the same for each letter.

She pays with a £ 20 note.







