

1



Alan has **45 beans**.

He plants **3 beans** in each of his pots.

How many pots does he need?

pots

1 mark

Leila puts **4 seeds** in each of her pots.

She uses **6 pots** and has **1 seed** left over.

How many seeds did she start with?

1 mark

2

Circle the **two** divisions which have an answer of **5 remainder 2**

$$17 \div 5$$

$$17 \div 3$$

$$22 \div 4$$

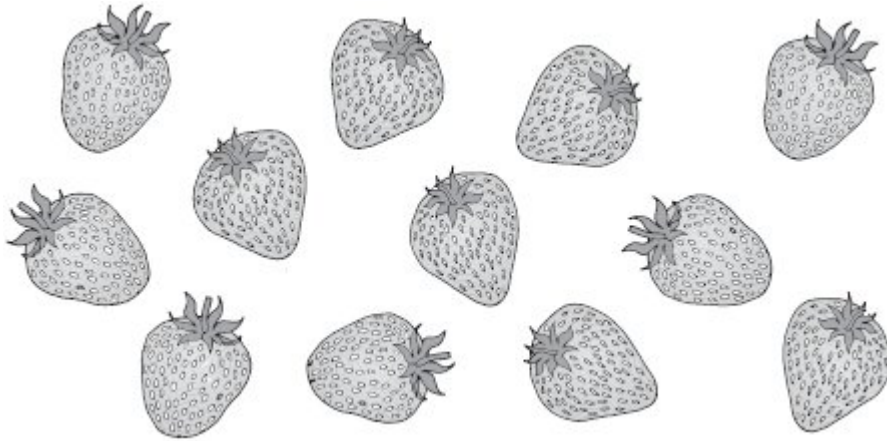
$$22 \div 5$$

1 mark

3

Some children share 12 strawberries.

Each child gets 3 strawberries.



How many children are there?

children

1 mark

4

Plants are sold in trays of **20**



Ivana buys **7 trays** of plants.

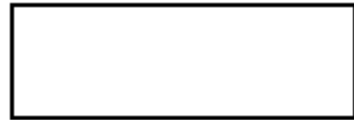
How many plants is this?



1 mark

David wants **240 plants**.

How many trays does he need to buy?



1 mark

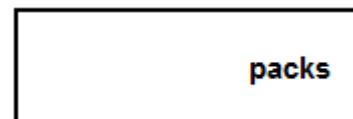
5

Plastic cups are sold in packs of 8

Amir needs 27 cups.



How many packs must he buy?

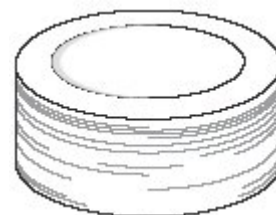


1 mark

There are 30 paper plates in a pack.

Amir buys 2 packs.

He uses 37 plates.



How many plates are left?

plates

1 mark

6

What is the remainder when you divide **53** by **8**?

remainder

1 mark

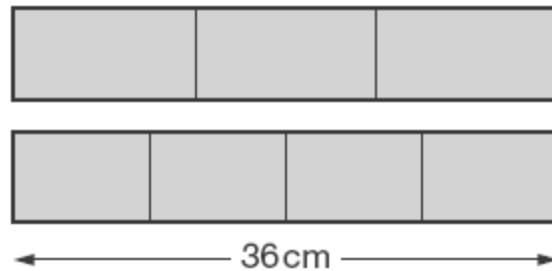
7

Joe has two strips of card.

Each strip is 36 centimetres long.

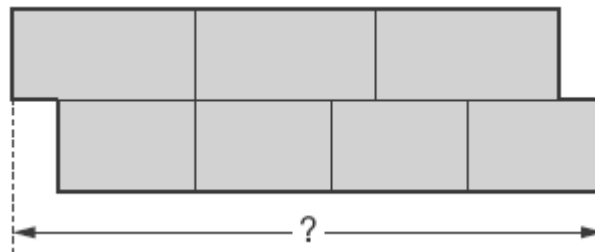
One strip is divided into three equal parts.

The other strip is divided into four equal parts.



Not actual size

Joe uses the two strips to make this shape.



What is the total length of Joe's shape?

Show
your
method

cm

2 marks

Page 5 of 7

Mark schemes

1	(a)	15	1	
	(b)	25	1	[2]

2	Both divisions circled as shown:			
	17 ÷ 5 22 ÷ 4 17 ÷ 3 22 ÷ 5			
	Both answers must be correct for the award of the mark. Accept alternative indications, such as the divisions crossed or ticked or underlined.			[1]

3	4			[1]
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4	(a)	140	1	
	(b)	12	1	[2]

5	(a)	4	1	
	(b)	23	1	[2]

6

5

Accept .625 **OR** 0.625 **OR** $\frac{5}{8}$ **OR** 6 remainder 5

OR 6.625 **OR** $6\frac{5}{8}$
Do not accept 48
 remainder 5

[1]**7**

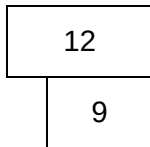
Award **TWO** marks for the correct answer of 39

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

- $36 \div 3 = 12$
 $36 \div 4 = 9$
 $12 + 9 + 9 + 9 = \text{wrong answer}$

OR

•



$$12 - 9 = 3$$

$36 + 3 = \text{wrong answer}$

Accept for **ONE** mark an answer of 42 supported by appropriate working, eg

$$36 + 3 + 3$$

Working must be carried through to reach an answer for the award of **ONE** mark.

Up to 2 (U1)

[2]