

Name _____

1 Calculate.

$2,140 + 794$

2,934

1 mark

$10,000 - 4,192$

5,808

1 mark

$3,261 \times 7$

22,827

1 mark

$276 \div 4$

69

1 mark

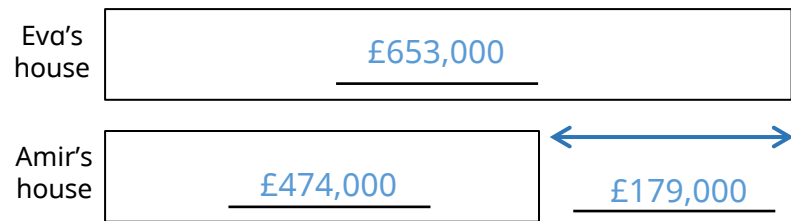
2 Complete the missing digits.

	2	3	7	4
+	3	1	4	3
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	5	5	1	7

2 marks

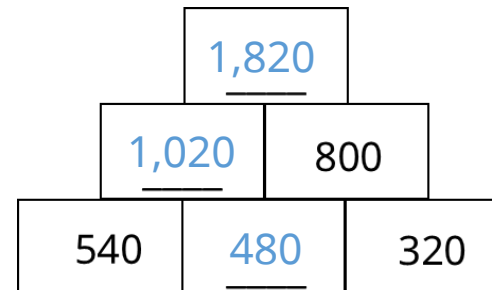
3 Eva's house is worth £653,000
Amir's house is worth £179,000 less than Eva's house.

Complete the bar model to represent the information.



2 marks

4 Complete the addition pyramid.



3 marks

- 11 Amy completes the calculation $145 \div 6$
She gets a remainder of 7
Explain how you know Amy is incorrect.

e.g. "When you divide by 6 the greatest remainder you can have is 5"

- 12 Pencils are put into packs of 24
There are 3,608 pencils.
How many packs of pencils can be made?

150 full packs 8 pencils left over.

How many more pencils are needed to make another full pack?

16

- 13 Complete the calculations.

$$8 \times 6 = 4 \times \boxed{12}$$

$$\boxed{222} \div 6 = 444 \div 12$$

- 14 Dora thinks of a positive whole number.
She says,
• It is an odd number less than 30
• It is one more than a multiple of 11
Is her number prime?
Explain your reasoning.

e.g. "Yes, her number is 23 which only has two factors."

- 15 Write A, B and C in the correct place to complete the table.

- A** Square number **C** Multiple of 6
B Not a square number **D** Not a multiple of 6

	A	B
C	36, 144	6, 24, 60, 18
D	9, 16, 25, 49, 100	7, 15, 31

- 16 Work out 89 squared.

2 marks for 7921

1 mark for correct method of long multiplication with no more than one arithmetical error.



1 mark



1 mark



1 mark



2 marks



1 mark



2 marks



2 marks

- 17 Ron uses these digit cards.



He makes a 3-digit number and a 1-digit number.
He multiplies them together.

His answer is odd.

What could the multiplication be?

Ones digits must be 5 and 7 e.g.



1 mark

- 18 Alex has 3 boxes of eggs.
There are 6 eggs in each box.
He takes one egg out of each box.

Circle the calculation that shows the total number of eggs in the boxes now.

$(3 \times 6) - 1$ $3 \times (6 - 1)$ $3 \times 6 - 1$



1 mark

- 19 Work out the missing numbers.

$$2 \times 3 + 4 \times \boxed{16} = 70$$

$$2 \times (3 + 4) \times \boxed{5} = 70$$



2 marks

- 20 4 boxes have a mass of 292 kg.
4 boxes and 7 bags have a mass of 656 kg.

What is the mass of 1 bag?

2 marks for 52

1 mark for attempt to subtract 292 from 656 and then divide by 7 with no more than one arithmetical error.

52 kg



2 marks

- 21 There are 5 times as many pens in box A than box B.
Tom moves 76 pens from box A to box B.
Both boxes now have the same number of pens.

How many pens are in box A now?

2 marks for 114

1 mark for attempt to divide 76 by 2 or any equivalent method

114 pens



2 marks