

Addition, subtraction, multiplication and division



Name: _____

1 Work out the calculations.

3,527 + 861

1 mark

1,000 – 867

1 mark

4,238 × 6

1 mark

385 ÷ 5

1 mark

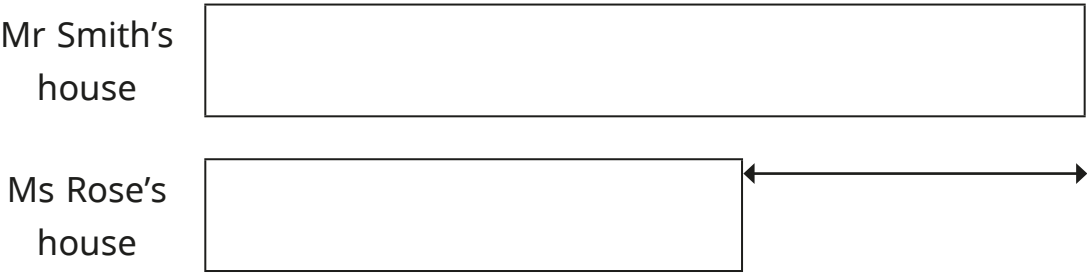
2 Fill in the missing digits.

		3		6	2	
	+		9	3		
		6	3	9	8	

2 marks

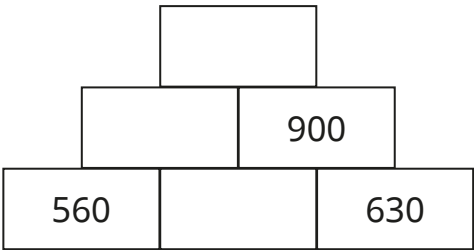
3 Ms Rose’s house is worth £325,000
Mr Smith’s house is worth £188,000 more than Ms Rose’s house.
Work out the value of Mr Smith’s house.

Complete the bar model to represent the information.



2 marks

4 Complete the addition pyramid.



3 marks

5 Circle **all** the cube numbers.

1 6 8 27 81

☐

2 marks

6 Tick the numbers that are common multiples of 8 and 12

8

16

24

36

96

☐

2 marks

7 Use the fact to complete the calculations.

$6 \times 4 = 24$

$60 \times 4 =$

$61 \times 4 =$

$\times 4 = 2.4$

1 mark

1 mark

1 mark

8 Tick the greatest value.

5²

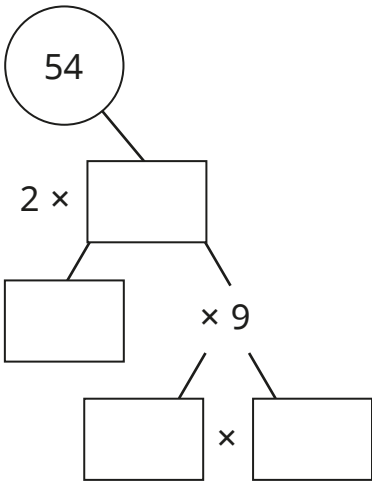
3³

7²

☐

1 mark

9 Complete the prime factor tree.



☐

2 marks

10 Which two calculations give the same answer?

A

B

C

$7 \times 5 - 2$

$7 \times (5 - 2)$

$(7 \times 5) - 2$

_____ and _____

☐

1 mark

11 Annie completes the calculation $162 \div 7$
She gets a remainder of 8
How do you know that Annie is incorrect?

1 mark

12 Pencils are put into packs of 36
There are 2,713 pencils.
How many packs of pencils can be made?

full packs

pencils left over

1 mark

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

1 mark

13 Complete the calculations.

$6 \times 4 = 8 \times$

1 mark

$\div 3 = 342 \div 6$

1 mark

14 Dora thinks of a positive whole number.

- It is a square number less than 30
- It is one less than a multiple of 10

Is Dora's number prime? _____

Explain your reasoning.

1 mark

15 Write the headings in the correct places to complete the table.
One has been done for you.

Even

Multiple of 9

Not even

Not a multiple of 9

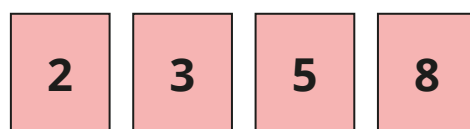
	Even	
	36, 90	63, 45
	48, 56, 84	75, 19, 25

2 marks

16 Work out 56^2

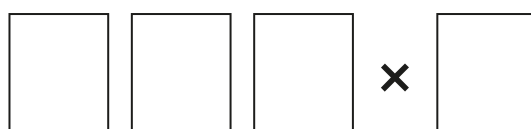
2 marks

- 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?



1 mark

- 18 Jack has 5 boxes of eggs.

There are 6 eggs in each box.

He takes 1 egg out of each box.

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

$5 \times (6 - 1)$

$5 \times 6 - 1$

$(5 \times 6) - 1$

1 mark

- 19 Work out the missing numbers.

$5 \times 6 + 7 \times \boxed{} = 100$

$5 \times (6 + 4) \times \boxed{} = 100$

1 mark

1 mark

- 20 3 bags have a mass of 252 kg.

3 bags and 5 boxes have a mass of 567 kg.

What is the mass of 1 box?

 kg

2 marks

- 21 There are 7 times as many pens in box A as there are in box B.

Amir moves 87 pens from box A to box B.

Both boxes now have the same number of pens.

How many pens are there in box A now?

2 marks