Odd and Even Numbers - Questions

Key Stage 2: 2004 Paper A

1.

5 Use **each** number card **once** to make the answer to each calculation an **even** number.

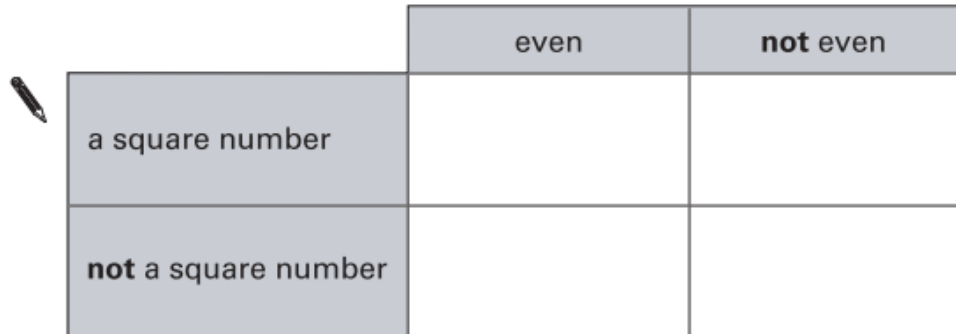| 3 | 4 | 5 |

5 × ☐

12 ÷ ☐

9 + ☐

5i

5ii

2 marks

Key Stage 2: 2004 Paper A

2.

12 Here is a sorting diagram for numbers.

Write a number **less than 100** in each space.

	even	**not** even
a square number		
not a square number		

12i

12ii

2 marks

Key Stage 2: 2004 Paper A

3.

19 Julie says,

'I added three odd numbers and my answer was 50'

Explain why Julie cannot be correct.

....

....

....

19

1 mark

Key Stage 2: 2008 Paper B

1.

8 Nisha says,

'When you halve any even number, the answer is always an odd number'.

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

Yes / No

Explain how you know.

8

1 mark

2.

9 Here are four labels.

| even | multiples of 9 | not even | not multiples of 9 |

Write each label in the correct position on the sorting diagram below.

	72 54	56 84
	63 45	49 75

9

1 mark

Key Stage 2: 2010 Paper A

1.

10 Here is a Carroll diagram for sorting numbers.

Write these **five** numbers in the correct places on the diagram.

25   247   7002   49   990

	odd	**not** odd
a 3-digit number		
not a 3-digit number		

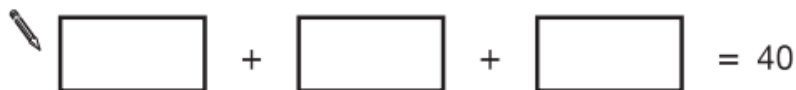10i

10ii

2 marks

Key Stage 2: 2010 Paper A

2.

17 Three **different** numbers add up to 40

The numbers are all even.

Each number is less than 20

Write what the three **different** numbers could be.

☐ + ☐ + ☐ = 40

17

1 mark

1.

1 Holly made a number using these digit cards.

4   8   5

The **hundreds** digit is greater than 4

Holly's number is **odd**.

What number did Holly make?

1

1 mark

1.

25   Three whole numbers add up to 50

Seb says,

'All three numbers must be even numbers.'

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

Yes / No

Explain how you know.

25

1 mark

1.

1 x stands for an **odd** number.

y stands for an **even** number.

Look at the expressions below.

For each expression, tick to show if it is odd or even.

The first one is done for you.

	odd	even
$x + y$	✓	
$x + 2y$	☐	☐
$2\,(x + y)$	☐	☐
xy	☐	☐
$x^2 + y$	☐	☐

2 marks