Multiples - Questions

Key Stage 2: 2003 Paper A

1.

16 Here are four digit cards.

Choose two cards each time to make the following two-digit numbers.

The first one is done for you.

an even number — 5 2

a multiple of 9 — ☐ ☐

a square number — ☐ ☐

a factor of 96 — ☐ ☐

16i ☐

16ii ☐

2 marks

Key Stage 2: 2004 Paper B

1.

6 John says,

'Every multiple of 5 ends in 5'

Is he correct?
Circle Yes or No.

Yes / No

Explain how you know.

.....

.....

.....

6

1 mark

Key Stage 2: 2005 Paper A

1.

2 Circle **three** numbers that add to make a **multiple of 10**

11 12 13 14 15 16 17 18 19

2

1 mark

Key Stage 2: 2006 Paper B

1.

13 Here is a sorting diagram with four sections, **A**, **B**, **C** and **D**.

	multiple of 10	not a multiple of 10
multiple of 20	**A**	**B**
not a multiple of 20	**C**	**D**

Write a number that could go in section **C**.

13a

1 mark

Section **B** can never have any numbers in it.

Explain why.

13b

1 mark

Key Stage 2: 2007 Paper A

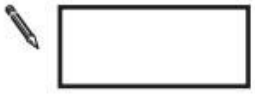
1.

15 Write **one** number which fits **all three** of these statements.

It is a multiple of 4

It is a multiple of 6

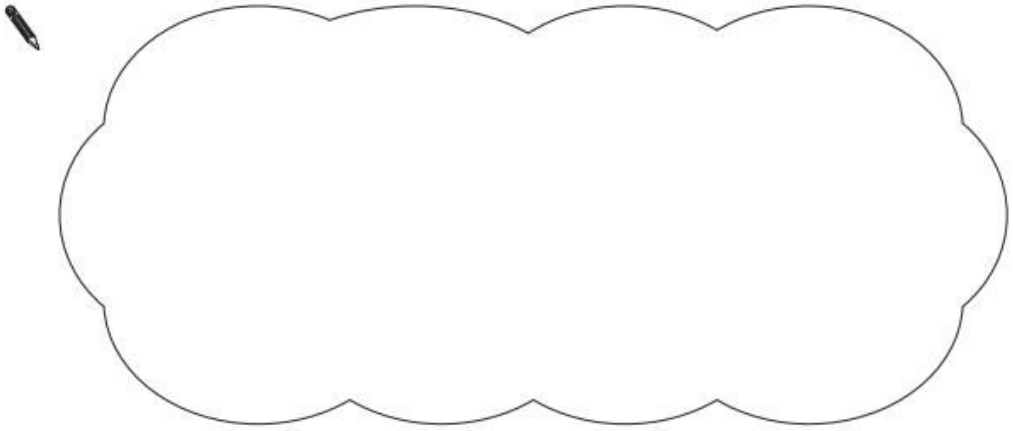
It ends in '8'



15a

1 mark

Explain why a number which ends in '3' **cannot** be a multiple of 4



15b

1 mark

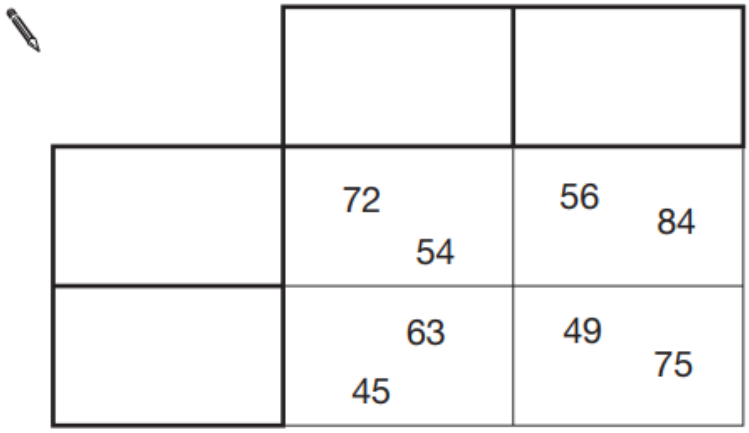
Key Stage 2: 2008 Paper B

1.

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.

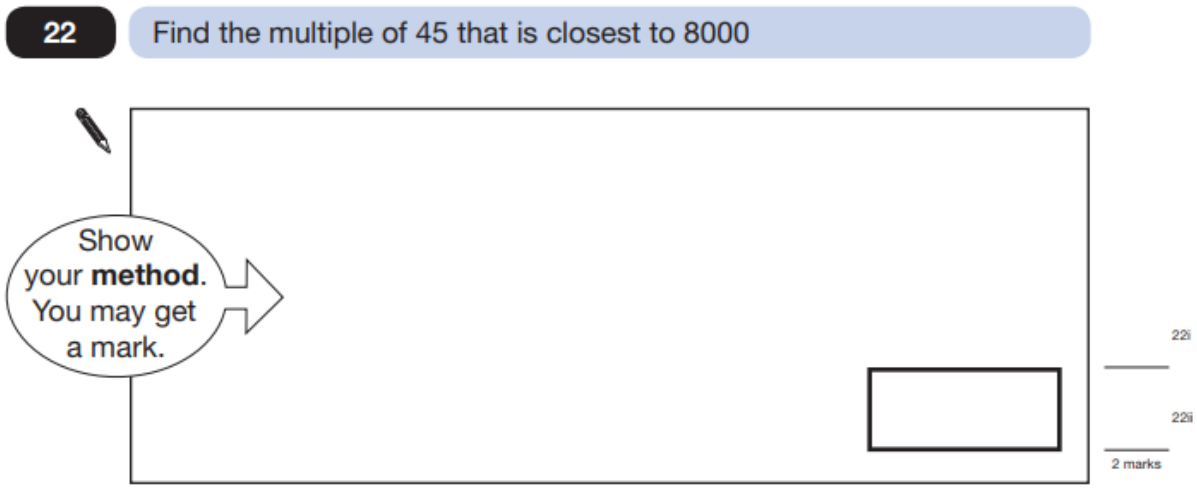


9

1 mark

Key Stage 2: 2008 Paper B

2.



Key Stage 2: 2009 Paper A

1.

12 Amir says,

'All numbers that end in a 4 are multiples of 4'.

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

Yes / No

Explain how you know.

12

1 mark

Key Stage 2: 2010 Paper B

1.

8 Here are six digit cards.

Use **all six** digit cards to make three multiples of 3

multiple of 3

multiple of 3

multiple of 3

8

1 mark

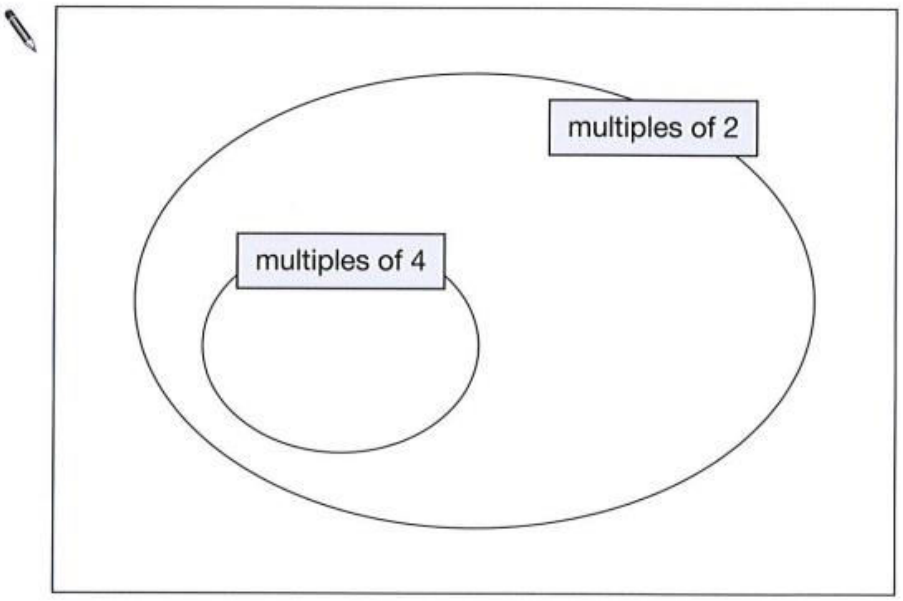
Key Stage 2: 2012 Paper A

1.

16 Here is a Venn diagram for sorting numbers.

Write each number in its correct place on the diagram.

10 11 12 13



16i

16ii

2 marks

Key Stage 2: 2013 Paper B

1.

24 364 is a multiple of 7 but not a multiple of 3

384 is a multiple of 3 but not a multiple of 7

Find a number between 364 and 384 that is **both** a multiple of 7 **and** a multiple of 3

24i

24ii

2 marks

Key Stage 2: 2015 Paper B

1.

13 Here are five number cards.

48	49	50	51	52

Use each card **once** to make every statement below correct.

☐ is a multiple of 3

☐ is a multiple of 4

☐ is a multiple of 5

☐ is a multiple of 6

☐ is a multiple of 7

13i

13i

2 marks

Key Stage 2: 2016 Paper 2 Reasoning - Sample

1.

7 In the circles, write a multiple that belongs to each set.

One has been done for you.

numbers from 1 to 99	multiple of **10**	50
numbers from 101 to 199	multiple of **20**	
numbers from 201 to 299	multiple of **30**	
numbers from 301 to 399	multiple of **40**	

2 marks

Key Stage 2: 2016 Paper 3 Reasoning - Sample

1.

1 Here is a diagram for sorting numbers.

Write **one number** in each box.

One is done for you.

	multiple of 5	**not** a multiple of 5
multiple of 3	30	
not a multiple of 3		

2 marks

Key Stage 2: 2016 Paper 2 Reasoning

1.

14 Write **all** the common multiples of 3 and 8 that are **less than 50**

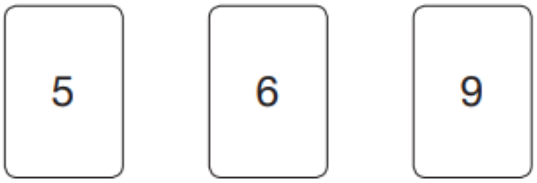
_____

1 mark

Key Stage 2: 2017 Paper 3 Reasoning

1.

3 Chen uses these digit cards.



She makes a 2-digit number and a 1-digit number.

She multiplies them together.

Her answer is a **multiple of 10**

What could Chen's multiplication be?

1 mark