

Number system – Checkpoint Primary Mathematics

1.

Draw a ring around **all** the multiples of 4

3004

4034

4242

2424

2332

[1]

2.

Naomi thinks of two different numbers.

Both numbers have 2 digits.
 She multiplies the two numbers.
 The answer is 360

Write three **different** pairs of numbers that Naomi could be thinking of.

Write a 2-digit number in each box to make each statement correct.
 One has been done for you.

$$\boxed{10} \times \boxed{36} = 360$$

$$\boxed{} \times \boxed{} = 360$$

$$\boxed{} \times \boxed{} = 360$$

$$\boxed{} \times \boxed{} = 360$$

[2]

3.

Draw a ring around the number that is divisible by 8, 6 and 9

9405

9414

9441

9504

9594

[1]

4.

Write a number in each box to make the calculation correct.

$$\begin{array}{r}
 \begin{array}{r} \square 9 \\ \times 5 \square \\ \hline 19\square 0 \\ + \quad 7\square \\ \hline \square\square\square\square \end{array}
 \end{array}$$

[2]

5.

Mike wants to write a multiple of 7 in the box.

$$30 < \square < 50$$

Write down **two** multiples of 7 Mike could use to make the statement true.

[1]

6.

Gabriella adds three 3-digit numbers together.

Write the **same** digit in each box to make her calculation correct.

$$2 \boxed{} 9 + \boxed{} 21 + 14 \boxed{} = 92 \boxed{}$$

[1]

7.

Here are four digits.

0	1	2	4
---	---	---	---

Write a **different** digit in each box so that each number is divisible by 4

$28 \boxed{}$

$430 \boxed{}$

$55 \boxed{}$

$1 \boxed{} 6$

[2]

8.

Here is a number sentence.

$\boxed{} < 400 \div 6$

Draw a ring around **each** of the numbers that make the number sentence correct.

57

60

67

70

77

[1]

9.

Here are some numbers.

5

8

145

225

358

Draw a ring around **two** numbers that have a product that is a multiple of 100

[1]

10.

Lily thinks of a 4-digit number.



My number has 8 ones and 3 thousands.
The sum of the 4 digits is 12

(a) Write a number that Lily could be thinking of.

..... [1]

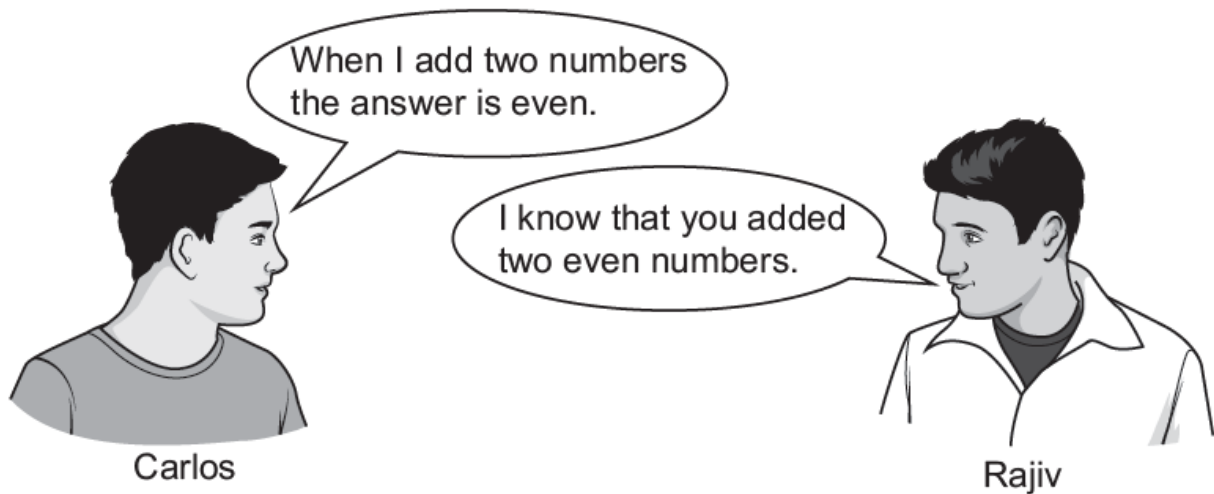
(b) Lily multiplies her number by 10 to make a new number.

Write the number of **tens** her new number has.

..... [1]

11.

Carlos and Rajiv are adding numbers.



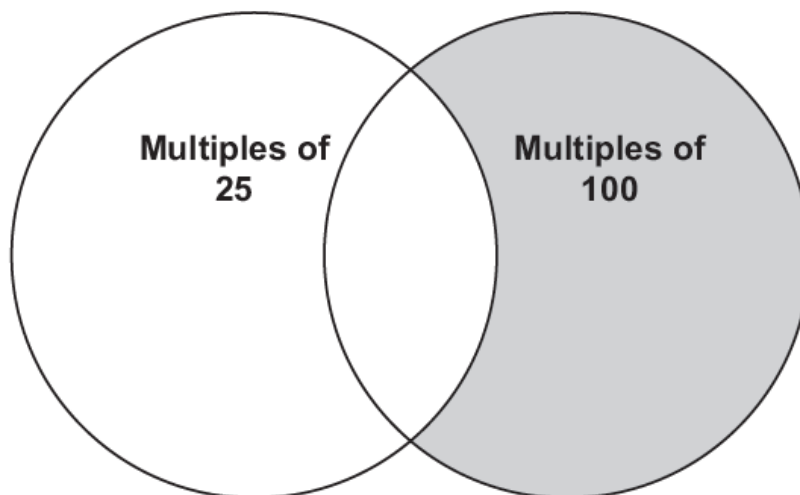
Write a digit in each box to make an addition that shows that Rajiv is **wrong**.

$$\square + \square = \square$$

[1]

12.

Pierre sorts numbers.
He uses this diagram.
One section is shaded.



Pierre says,
‘There will **not** be any numbers in the shaded section.’

Explain why Pierre is right.

.....

.....

..... [1]

13.

Write a number between 260 and 290 that is divisible by 25

..... [1]

14.

18 247 is decomposed as $10\,000 + 8\,000 + 200 + 40 + 7$

Write 36 915 in the same way.

$$36\,915 = \boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{}$$

[1]

15.

Here are four statements about odd and even numbers.

An odd number subtract
an even number equals
an odd number.

An odd number plus an
even number equals an
odd number.

An odd number subtract
an odd number equals
an even number.

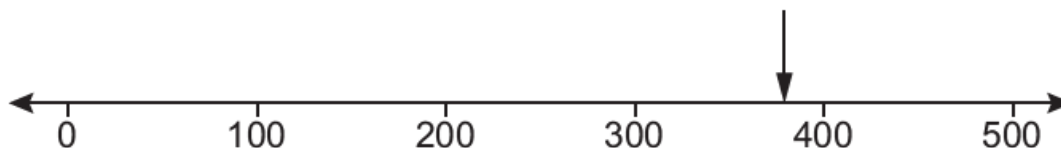
An odd number plus an
odd number equals an
odd number.

Draw a ring round the statement that is **false**.

[1]

16.

Here is a number line.



Hassan says, 'The arrow shows an estimate of 320'

Explain why he is **wrong**.

.....

..... [1]

17.

Here are some cards.

$$\boxed{\times 10}$$

$$\boxed{\times 100}$$

$$\boxed{\div 10}$$

$$\boxed{\div 100}$$

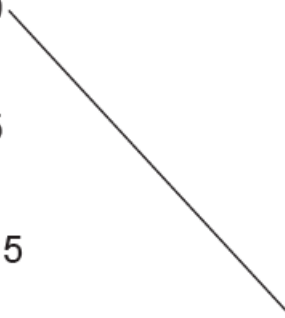
Use **two** of the cards to complete the calculation.

$$780 \quad \boxed{} \quad \boxed{} = 78$$

[1]

18.

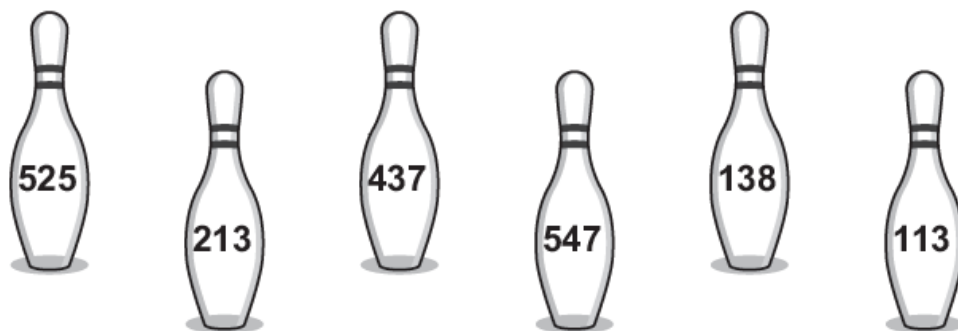
Draw lines to match the equivalent calculations.
One has been done for you.

6×40		$4 \times 8 \times 5$
36×5		$6 \times 6 \times 5$
16×15		$5 \times 6 \times 8$
6×30		

[1]

19.

Here are six skittles.

Draw a ring around each of the **three** skittles that give a total of 898

[1]

20.

Here are six digit cards.



Complete the boxes using the digit cards.

Use each digit card **once**.

--	--

is a multiple of 2

--	--

is a multiple of 5

--	--

is a multiple of 10

[1]

21.

- (a) Draw a line to match **each** calculation to the correct remainder.
One has been done for you.

$36 \div 5$	remainder 0
$36 \div 6$	remainder 1
$36 \div 7$	remainder 2
$36 \div 8$	remainder 3
	remainder 4

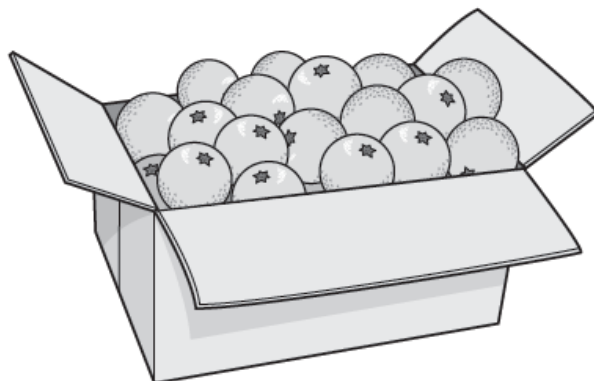
[1]

- (b) Write an **even** number that gives a remainder of 5 when divided by 9

..... [1]

22.

A farmer grows oranges.



The oranges are placed in boxes.
Each box contains 144 oranges.

Calculate the number of oranges in 7 boxes.

..... oranges [1]

23.

Complete the multiplication grid.

×		4	
		20	
8	48		72

[2]

24.

Here are three number cards.

11	7	18
----	---	----

Safia uses the cards to make some calculations.

11	+	7	=	18
----	---	---	---	----

7	+	11	=	18
---	---	----	---	----

Safia says, 'I can make more calculations with these cards.'

Write a sentence to explain why Safia is correct.

.....

..... [1]

25.

Oliver counts back in fives from 69
He says, 'I will say the number 25'

Tick (✓) to show if Oliver is correct.

Yes ☐ No ☐

Explain how you know.

..... [1]

26.

25 Here are five number cards.

Use **three** of the cards to complete the calculation.

$$\boxed{} \boxed{} \times \boxed{} = 120$$

[1]

27.

Eva says,



I can write 374 as
 3 hundreds, 7 tens and 4 ones **or**
 37 tens and 4 ones **or**
 3 hundreds and 74 ones.

Write the number 508 in two **different** ways.

.....

..... [1]

28.

Here is a table to show how many children play tennis or go swimming.

	Girls	Boys	Total
Tennis			
Swimming		51	86
Total	72		

There are 165 children altogether.

Complete the table to show how many children play each sport.

[2]

29.

Here are some statements about multiplication.

Statement	True	False
$4 \times 13 = 4 \times 10 + 4 \times 3$	✓	
$3 \times 28 = 3 \times 10 + 3 \times 10 + 3 \times 8$		
$5 \times 12 = 2 \times 10 + 2 \times 5$		
$3 \times 18 = 10 \times 3 + 8 \times 3$		

Tick (✓) to show if the statements are true or false.
One has been done for you.

[1]