Questions :

12 Work out

(a) double 7.8 ..... [1]

(b) half of 9.6 ..... [1]

(Cambridge Checkpoint Oct 2019 QP 1)

4 Complete these statements.

Double 4.3 = ...

Double ..... = 5.4

[1]

(Progression 2018 Grade 5 Paper 1)

Double 69 is 138

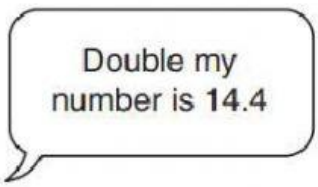
Explain how to use this fact to double 0.69

..... [1]

(Cambridge Checkpoint May 2020 QP 2)

Fatima is thinking of a number.

She says



What number is Fatima thinking of?

..... [1]

(Specimen paper 1 2014-2017)

LIVEWORKSHEETS

Mental strategies: addition and subtraction

Key facts There are lots of different ways to add or subtract numbers in your head.

- You can break up (partition) numbers to make them easier to add.

For example: 4.6 + 3.7. Try using these steps:

1 Hold the bigger number in your head. (4.6)

2 Add on the units. (4.6 + 3 = 7.6)

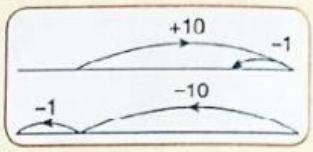
3 Now add on the tenths. (7.6 + 0.7 = 8.3)

So 4.6 + 3.7 = 8.3

- You can round numbers and then **adjust** them.

To add 9, you can add 10 and then subtract 1.

To subtract 11, you can subtract 10 and then subtract 1.



- You can use a similar method to add or subtract 19, 29, 39 ...

For example: 27 + 19

1 Round the 19 up to 20. (27 + 20 = 47)

2 Now subtract the 1. (47 – 1 = 46)

So 27 + 19 = 46

- You can partition a number a different way to make a calculation easier.

For example: 71 – 46 = (60 + 11) – (40 + 6)
= (60 – 40) + (11 – 6)
= 20 + 5
= 25

- You can look out for a small difference in a subtraction.

For example: 101 – 99

Imagine these numbers on a number line. They are close together. Count on from 99 to reach 101. The difference is only 2. This is much easier than subtracting 99.

Questions :

Complete the following calculation.

$$34 + \square = 100$$

[1]

(Cambridge Checkpoint May 2019 QP 1)

LIVEWORKSHEETS

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

$$54 + \square = 100$$

[1]

(Progression 2018 Grade 3 Paper 1)

18 Draw a ring around **two** numbers in the grid that add up to 10

3.8	4.4	7.2	5.6
6.6	5.4	6.2	2.4

[1]

(Cambridge Checkpoint Oct 2019 QP 1)

9 Here are four digit cards.

2	4	5	8

Use each of the digits once to complete this sum.
The total must be a multiple of 5

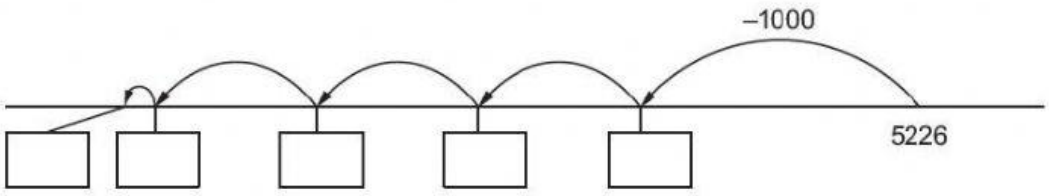
$$\square\square + \square\square$$

[1]

(Cambridge Checkpoint Oct 2019 QP 2)

8 Yuri calculates 5226 – 1301 using a number line.

Here is his working.



Complete the boxes on the number line.

[2]

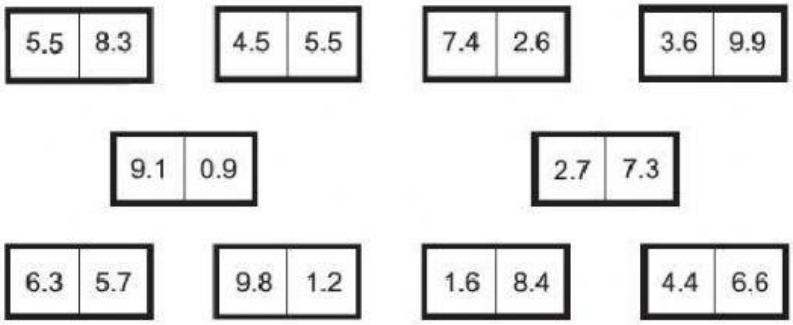
(Cambridge Checkpoint Oct 2020 QP 2)

LIVEWORKSHEETS

26 Here are ten cards.

Each card has two numbers written on it.

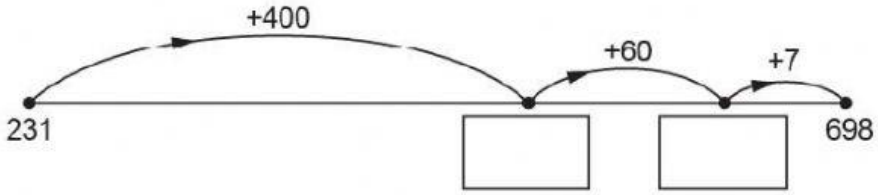
Draw rings around **all** the cards where the two numbers total 10



[2]

(Cambridge Checkpoint Oct 2020 QP 2)

7 Manjit draws a number line to find the answer to 231+ 467

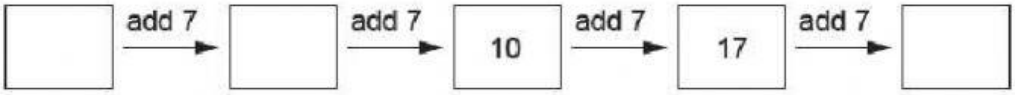


Write the missing numbers in the boxes. [1]

(Progression 2018 Grade 5 Paper 1)

6 Here is a number pattern.

Write the missing numbers in each box.



[2]

(Progression 2018 Grade 5 Paper 2)

LIVEWORKSHEETS

Which number is six hundred more than 1809?

..... [1]

(Cambridge Checkpoint May 2019 QP 1)

Calculate

$$423 - 298 =$$

..... [1]

(Specimen paper 1 2014-2017)

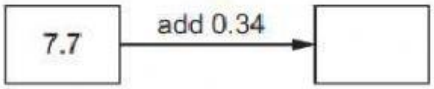
Write in the missing number.

$$0.85 + \square = 1$$

[1]

(Specimen paper 1 2014-2017)

Write the missing number.



[1]

(Specimen paper 1 2014-2017)

LIVEWORKSHEETS