

# Contents

UNIT TOPIC PAGE UNIT TOPIC PAGE

## Autumn 1<sup>st</sup> half term

1	Number problems 1	4
2	Money problems 1	5
3	Number problems 2	6
4	Number problems 3	7
5	Number problems 4	8
6	Number problems 5	9
7	Review problems 1	10

## Autumn 2<sup>nd</sup> half term

8	Length problems 1	12
9	Time problems 1	13
10	Measures problems 1	14
11	Money problems 2	15
12	Number problems 6	16
13	Number problems 7	17
14	Review problems 2	18

## Spring 1<sup>st</sup> half term

1	Number problems 8	19
2	Money problems 3	20
3	Number problems 9	21
4	Number problems 10	22
5	Measures problems 2	23
6	Review problems 3	24

## Spring 2<sup>nd</sup> half term

7	Measures problems 3	26
8	Weight problems 1	27
9	Number problems 11	28
10	Money problems 4	29
11	Number problems 12	30
12	Number problems 13	31
13	Review problems 4	32

## Summer 1<sup>st</sup> half term

1	Number problems 14	34
2	Money problems 5	35
3	Number problems 15	36
4	Number problems 16	37
5	Number problems 17	38
6	Number problems 18	39
7	Review problems 5	40

## Summer 2<sup>nd</sup> half term

8	Time problems 2	42
9	Capacity problems 1	43
10	Measures problems 4	44
11	Money problems 6	45
12	Number problems 19	46
13	Number problems 20	47
14	Review problems 6	48

# Number problems 1

- 1 In a competition Sue scored 6430 points and Greg 7010. Lucy scored exactly half-way between Sue's and Greg's scores.



How many did Lucy score?

- 2 In every book there are 250 raffle tickets. Altogether ten complete books are sold.



How many raffle tickets are sold altogether?

- 3 On a Bank Holiday, 2176 planes take off from Dublin and 1897 from Shannon.



From which airport did more planes take off?

How many more?

- 4 On a parade ground 8300 soldiers parade in groups of 10 rows with 10 soldiers in each row.



How many groups of soldiers are on parade?

- 5 Niamh has three darts. She throws the first into single 9, the next into double 9 and the last into treble 9.



How many points did Niamh score with her three darts?

- 6 At a railway depot there are 20 trucks. The trucks are divided equally between two engines.



How many trucks does each engine have?

7



I divide exactly by 100. My first two digits are equal. The sum of my four digits is 8.

What am I?

4

# Money problems 1

- 1 Aoife's mum writes the correct amount in words on a cheque: 'Seven thousand, eight hundred and two euro'. In figures she writes 78002.

Explain why she is wrong.  
Write the amount correctly.



- 2 David spends €56 on trainers and €97 on a coat.

How much does he spend altogether?



- 3 The price of a tube of Jitters is 29c. For a school party Mr Byrne buys a box of 100 tubes.

How much in € and c does Mr Byrne pay?



- 4 Katie pays €36 for her two dogs and €85 for her 5 cats to enter a pet show. She wins €150 in prize money.

How much has she won when she deducts the cost of entering her pets?



- 5 It costs Paul's dad €44 to take them both to see a show. His dad's ticket cost €27.

How much did Paul's ticket cost?

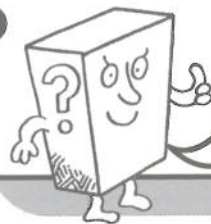


- 6 A school raises €150 for six charities. Each charity is given one-sixth of the amount raised.

How much did each charity get?



7



I am half-way between double 17 and a half of 100.

What am I?

# Number problems 2

- 1 A museum has 19 very old dolls. Twelve of them are taken away to be repaired.



How many dolls are left in the museum?

- 2 A stall has 84 fancy bracelets for sale. By midday half of them have been sold. By 3 p.m. half of those remaining have been sold.

How many bracelets are left at 3 p.m?



- 3 For a school party Mrs O'Donoghue buys six boxes of straws.

How many straws does she get in the six boxes?

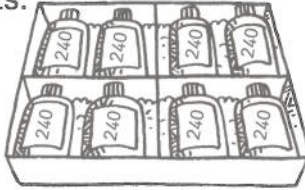


- 4 A school car park has places for 18 cars. The teachers use 11 of the places. During the day five more cars are parked.

How many empty places are left?



- 5 Each jar has 240 vitamin tablets.



How many vitamins are in a box of 8 jars?

- 6 A waiter puts out 63 cups and saucers one morning ready for the day.



How many pieces of crockery does he put out?



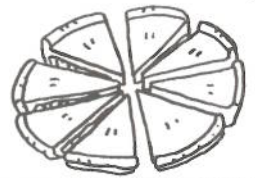
I am a multiple of both 3 and 7.  
The difference between my two digits is 3.

What am I?

6

# Number problems 3

- ① Seven apple pies are cut into eight equal pieces. Of these pieces, 37 are eaten. Write the amount of apple pies left as a mixed number.



- ② A trailer when full carries 9 motor bikes. A van with a full trailer makes three journeys to deliver motor bikes to a shop. How many motor bikes does the shop get?



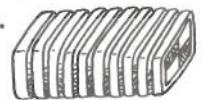
- ③ On a Snakes and Ladders board Luke has got to number 76. To win he needs to get to 100. Altogether how many more does he need to throw to win?



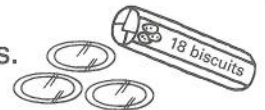
- ④ A hotel has 41 rooms on the ground floor and 59 rooms on the first floor. How many rooms does the hotel have altogether?




- ⑤ A baker makes a very large cake. He cuts it into 10 equal strips. He puts 7 of the strips onto a plate. What fraction of the cake is on the plate? He cuts the 7 strips into tenths. How many hundredths of the cake are on the plate?



- ⑥ In a packet there are 18 chocolate biscuits. The biscuits are shared equally on three plates. How many biscuits are on each plate?



- ⑦  I am two numbers. The sum of my two numbers is 100. The difference between my two numbers is 24.

What am I?