

the number before

6000

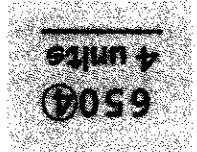
3999

4189

999

the number after

4 For each number write:



⑦239

8①63

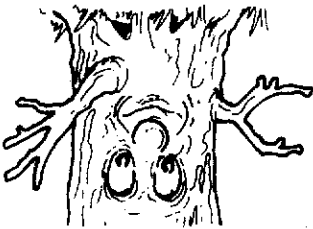
61①6

3 Write the value of each circled digit.

- (a) seven thousand, one hundred and sixty-two → _____
- (b) two thousand, three hundred and twenty → _____
- (c) five thousand and nine → _____

Do these in the same way.

one thousand, six hundred and twenty-seven → 1627



_____ →

_____ →

_____ →

_____ →

_____ →

(c) 6080 →

(b) 8014 →

(a) 2543 →

Do these in the same way.

3796 → 3000 + 700 + 90 + 6
 → three thousand, seven hundred and ninety-six



1 6̄35 479 1 635 479

3 What is the value of the underlined digit?

(c) Write 2 000 002 in words.

seven million, seven hundred thousand and seventy

four million, four hundred thousand, four hundred

(b) Write these numbers in figures.



One million, two hundred and thirty thousand.

2 (a) Write Roy's number in figures.

(b) its thousands and units digits are the same.

(a) its tens and units digits are the same

1 Find the first number greater than 106 637 where

2 Increase 625 187 by three thousand

thirty thousand three hundred thousand

(c) Write 206 500 in words.

three hundred and forty thousand, seven hundred

six hundred thousand

(b) Write these numbers in figures.

Twenty-six thousand, six hundred and fifty-two.



1 (a) Write Simon's number in figures.

4 Make up subtractions that give these answers.
The number subtracted must be more than 5 each time.

- (a) 47 (b) 39 (c) 25 (d) 88
- (a) 54 - 6 (b) 90 - 9 (c) 61 - 7 (d) 88 - 8 (e) 42 - 5 (f) 73 - 10

3 Subtract mentally. Use the code and your answers to find Oscar's other name.



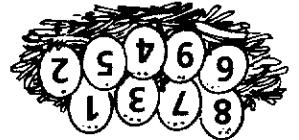
29	32	48	58	80	73	81	63	70	33	38	54	49	37	55
J	E	B	O	N	W	A	S	Y	T	P	R	U	E	X



Subtract mentally. Write the answers.

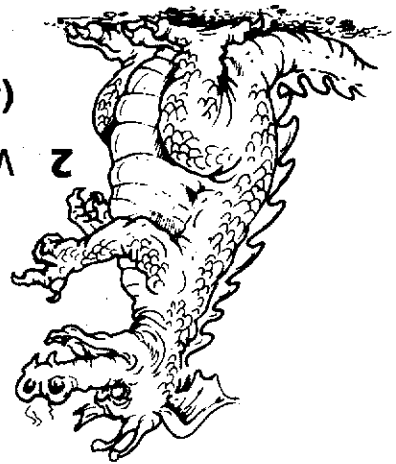
- 1 (a) 76 - 3 (b) 29 - 5 (c) 47 - 6 (d) 44 - 4 (e) 63 - 10 (f) 63 - 9
- 2 (a) 30 - 5 (b) 60 - 7 (c) 40 - 9 (d) 34 - 5 (e) 22 - 6 (f) 35 - 8 (g) 41 - 4 (h) 68 - 8 (i) 93 - 9 (j) 56 - 7

4 Find four dragon eggs which add to give (a) 10 (b) 20 (c) 21 (d) 28



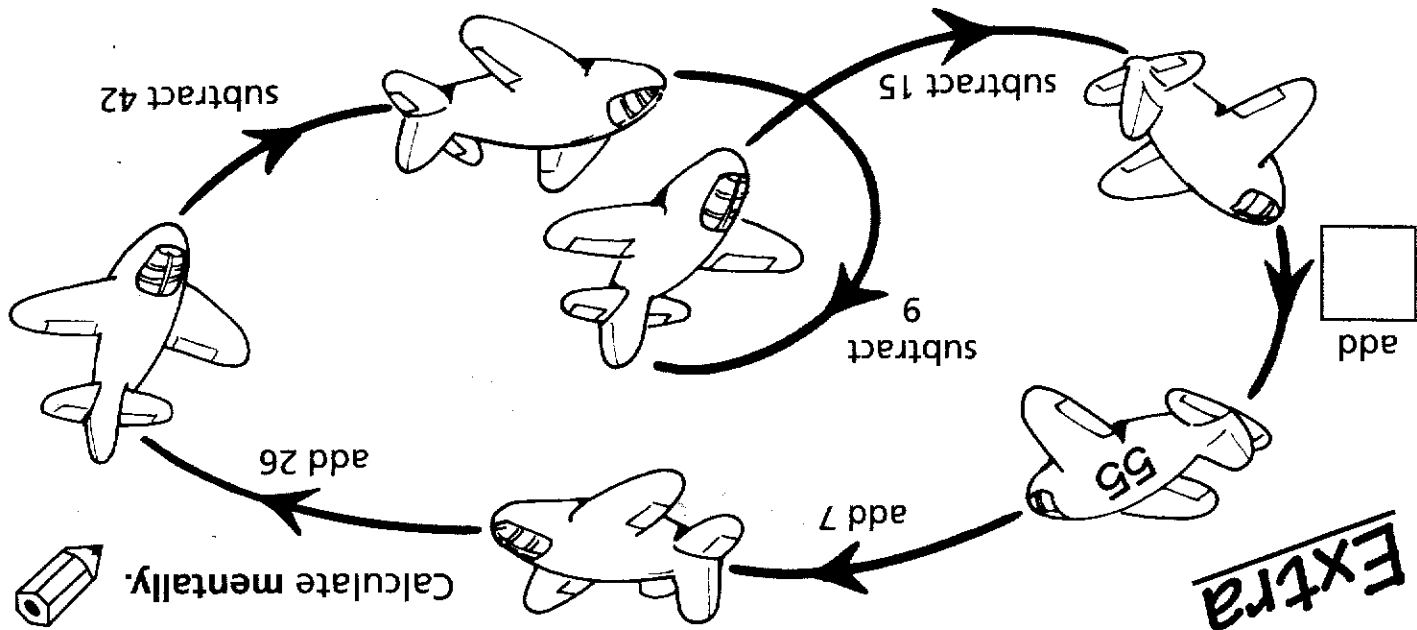
- 3 (a) 35 + 3 (b) 42 + 6 (c) 80 + 4 (d) 72 + 8 (e) 26 + 10 (f) 34 + 9 (g) 10 + 53 (h) 9 + 45 (i) 27 + 6 (j) 9 + 49 (k) 77 + 7 (l) 5 + 38

- 2 Write the missing numbers.
(a) $76 + \square = 80$ (b) $83 + \square = 90$ (c) $32 + \square = 40$



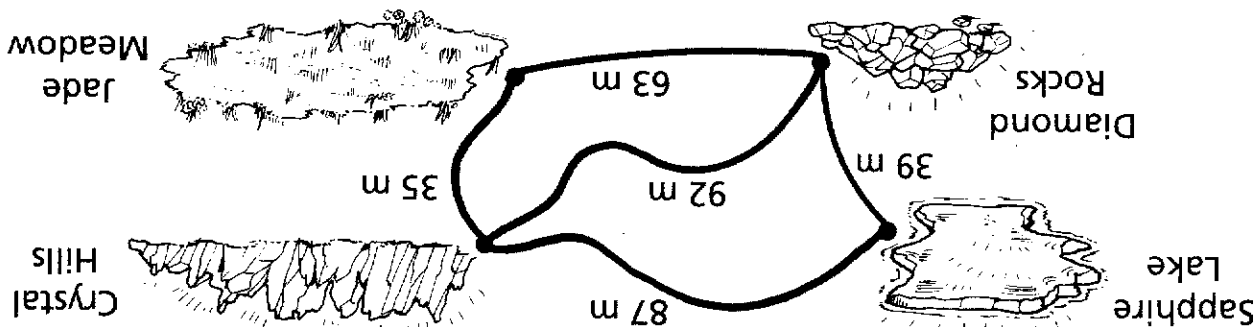
- 1 (a) $5 + 7 + 5 + 3$ (b) $6 + 7 + 3 + 6$ (c) $1 + 3 + 2 + 9$ (d) $2 + 8 + 8 + 8$

Add mentally. Write the answers.



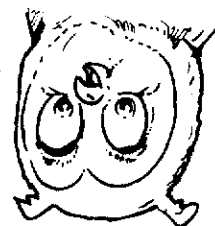
- 3 Add or subtract mentally.
- (a) $45 + 54$ (b) $31 + 46$ (c) $65 - 32$ (d) $98 - 41$
 (e) $30 + 43$ (f) $79 - 50$ (g) $44 + 44$ (h) $99 - 28$

- 2 Find the difference in the distances between
- (a) Sapphire Lake and Crystal Hills and Jade Meadow
 Diamond Rocks and Jade Meadow
 Crystal Hills and Diamond Rocks and Jade Meadow
- (b) Crystal Hills and Diamond Rocks and Jade Meadow
 Diamond Rocks and Jade Meadow
 Crystal Hills and Diamond Rocks
- (c) Sapphire Lake and Crystal Hills
 Crystal Hills and Sapphire Lake
 Diamond Rocks and Sapphire Lake
- 1 Find the total distance in metres for each journey.



Problem solving

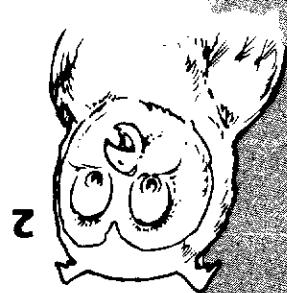
Make up one more addition or subtraction to continue the pattern.



4

3 Look at the pattern of all your answers. What do you notice?

- (g) _____
- (f) _____
- (e) _____
- (d) _____
- (c) _____
- (b) _____
- (a) _____



Write your answers to question 1 here.

(a) 357
 -166

(b) 568
 -286

(c) 306
 $+ 67$

(d) The total of 83 and 381

(e) 700 take away 145

(f) $384 + 56 + 206$

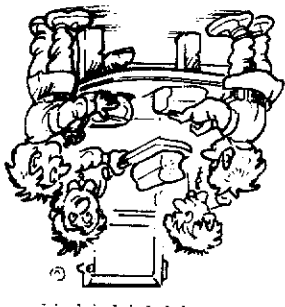
(g) The difference between 790 and 53



1 Find the answers.

1 Find the number of toasted raisins eaten by

(a) Kelvin	$\begin{array}{r} 637 \\ +869 \\ \hline \end{array}$
(b) Lisa	$\begin{array}{r} 748 \\ +974 \\ \hline \end{array}$
(c) Tony	$\begin{array}{r} 3746 \\ +2395 \\ \hline \end{array}$
(d) Kate	$\begin{array}{r} 3854 \\ +5657 \\ \hline \end{array}$



2 These are the ingredients for Millitrog Chocolate Cake. Find the total number of

(a) chocolate drops

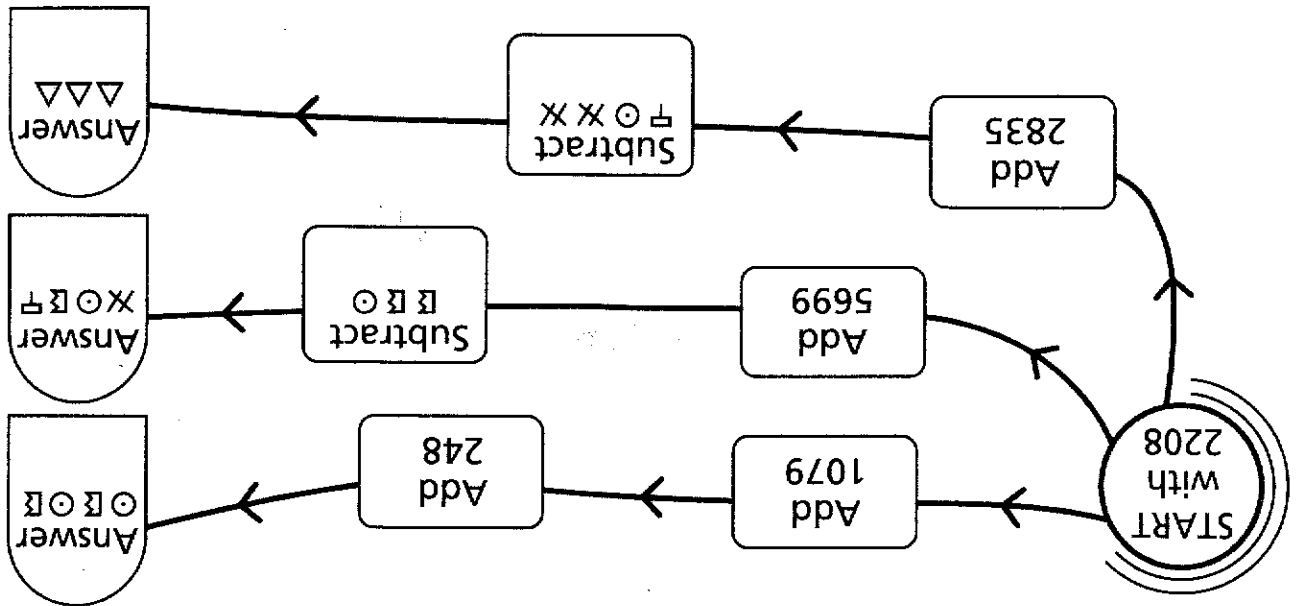
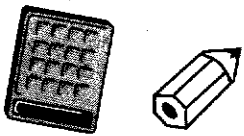
(b) sugar sticks

(c) barrels of flour

Chocolate drops: 683, 65, 7, 3641
 Sugar sticks: 534, 8154, 81, 1062
 Barrels of flour: 8, 4063, 359, 2306

Extra

Follow each path and then find the magic word.



Enter the number in a calculator and turn upside down to find the word.

Change to a number.
 ✕ ✕ ○ ▽ ▽ ○
 ✕ ✕ ○ ▽ ▽ ○

MAGIC WORD



4 Mag spends 742 of her coins. Reb spends 2665 of hers. How many coins does each have left?

3 (a) 3004 (b) 7007 (c) 6000

$$\begin{array}{r} -1857 \\ \hline \end{array}$$

$$\begin{array}{r} -909 \\ \hline \end{array}$$

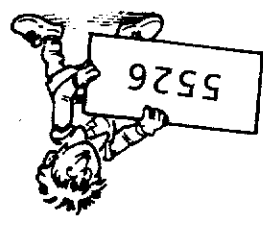
$$\begin{array}{r} -1625 \\ \hline \end{array}$$



2 Mag has ticket **4317** in the Trog Lottery. Reb's ticket number is 1559 less than Mag's. What is Reb's number?

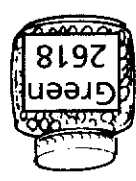
1 Subtract. $6241 - 573$

Problem solving

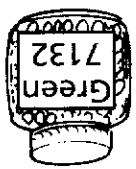


3 Which two of these numbers have the largest difference? Find it.

How many milligrams of each colour were eaten at the banquet?



After the banquet →



Before the banquet →

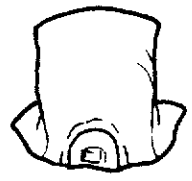
2 These are the numbers of milligrams in the Great Store.

1 Subtract. (a) $4359 - 1625$ (b) $5659 - 853$ (c) $2086 - 1257$

1 List notes and coins to pay for each of these.



(a) Balacava
£10.75



(b) Vest
£11.60



(c) Cagoule
£17.90



(d) Mitts
£13.05

Price list	
stove	£8.37
compass	£7.86
knife	£6.45
watch	£7.96

2 Use the price list. Find the cost of
 (a) a knife and a watch
 (b) a stove and a compass
 (c) the two most expensive items
 (d) the two cheapest items.

3 Lisa bought two items from the price list. She spent exactly £14.82. Which two items did she buy?

Problem solving

The table shows the amount each explorer spent.

1 Each explorer paid for their torch with a £10 note. List the coins and notes, if any, in each explorer's change.

Lisa	£3.15	£18.00
Tony	£5.85	£16.50
Kate	£4.92	£13.88
Kelvin	£6.89	£10.95
torch		overtrousers

2 Find how much more each explorer spent on their overtrousers than on a torch.



3 (a) Lisa used a £20 note to pay for these socks. How much change did she receive?
 (b) Kelvin bought two pairs of socks. How much change did he receive from £20?



socks
£8.75

Climbing Equipment from **OUTWARD Bound**

rucksack £31.29
 trousers £16.50
 fleece £27.64
 head torch £8.36
 helmet £12.87
 boots £39.95
 socks £8.75

1 How much change would you receive from £20 if you bought the two cheapest items?

£ _____

2 Find the total cost for each explorer.

(a)	Lisa	helmet head torch fleece
(b)	Tony	rucksack boots head torch
(c)	Kate	trousers helmet socks boots

Total _____

3 Check each calculation. Correct those that are wrong.

(a)	OUTWARD Bound	20.00 socks - 8.75 £11.25
(b)	OUTWARD Bound	50.00 rucksack - 31.29 £18.81
(c)	OUTWARD Bound	20.00 helmet - 12.87 £ 8.13
(d)	OUTWARD Bound	50.00 boots - 39.95 £10.05

4 (a) You have £100 to spend on climbing equipment from Outward Bound. List four items you would like to buy. ←

(b) How much would you spend?

(c) How much money would be left?