

Chapter 1



Whole Numbers in Action

A calculator must not be used for this exercise.



1. Find the sum of all the odd numbers in the box:

245	100	324
39	63	50
177	44	61

(3)

2. A box of eight Christmas crackers costs £6.96.

How much does each one cost?

(3)

3. Write down the next two numbers in these sequences:

a) 1, 4, 6, 9, 11

b) 1, 1, 2, 3, 5, 8

c) 64, 32, 16, 8

d) 81, 72, 63, 54

e) 1, 4, 9, 16

f) 5, 10, 17, 26

g) 1, 3, 9, 27

h) 4, 2, 1, $\frac{1}{2}$

(8)

4) The owner of a sports shop buys footballs for £6.99 each.

She sells them for £10.00 each.

How much profit does she make on **twelve** footballs?



(4)

5.

Bakery Prices			
Doughnuts	38p	Apple Tarts	48p
Iced Cakes	47p	Meat Pies	69p
<u>Biscuits</u>			
Chocolate	36p	Plain	32p

- a) How much would you pay for an iced cake, an apple tart, and a meat pie?
- b) How much would you pay altogether for one each of the four most expensive items on the list?
- c) What change would you receive from £5 if you bought three doughnuts and two plain biscuits?

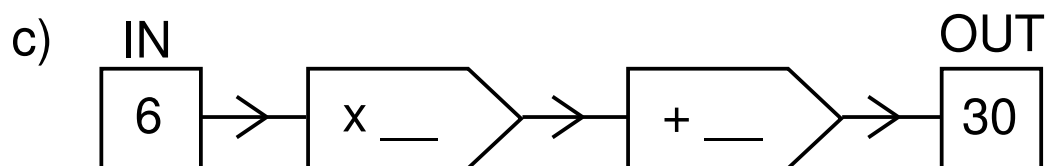
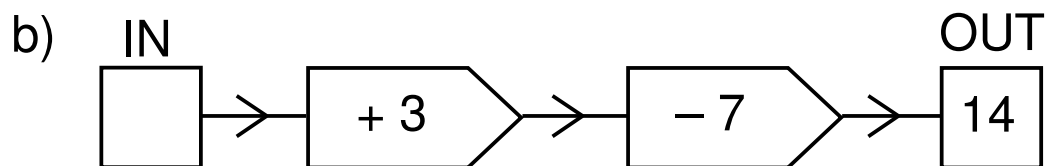
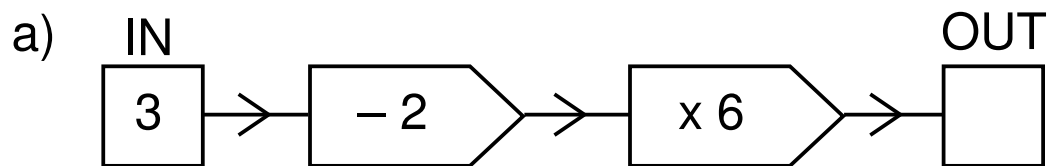
(9)

6. Complete the addition below so that each of the whole numbers 1, 2, 3, ..., 9, are used exactly once.

$$\begin{array}{r}
 2 8 9 \\
 + 4 \\
 \hline
 \\
 \hline
 \hline
 \end{array}$$

(6)

7. Fill in the missing numbers in the number machines below:



(4)

8. Without using a calculator:



- a) Multiply a thousand by a hundred
- b) Divide a million by a thousand

(4)

9. The Robertson family gets 3 pints of milk delivered daily, Monday to Friday.

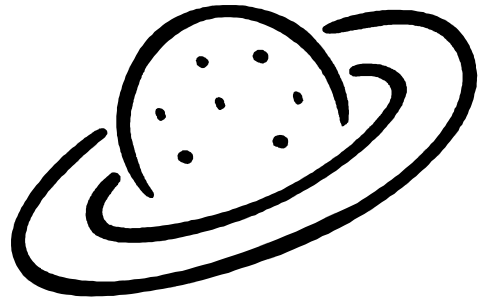
5 pints are delivered on Saturday and none on Sunday.



What is their weekly bill?

(4)

10. The planet Numerous was invaded by a plague of deadly insects.



The death toll on the first day of the attack was seven hundred and three.

On the second day it was fifty thousand and seven; on day three it was three thousand and sixty, and on the last day it was two hundred and one thousand.

Find the total death toll.

(5)

————— END OF HOMEWORK EXERCISE —————

[50]