

# Worksheet 10

## Solving Equations

1 Find the value of  $y$ .

(a)  $y + 2 = 43$

$y = 41$

(b)  $y + 34 = 70$

$y = 36$

(c)  $65 - y = 35$

$y = 30$

(d)  $4y = 80$

$y = 20$

(e)  $30 - 2y = 10$

$y = 10$

(f)  $\frac{y}{18} = 0.5$

$y = 9$

(g)  $\frac{24}{y} = 6$

$y = 4$

2 List all possible pairs of whole numbers  $a$  and  $b$  which solve this equation:

$$a + b = 7$$

$a$	$b$
0	7
1	6
2	5
3	4
4	3
5	2
6	1
7	0