

B

1

$$a + b = 6$$

There are lots of solutions. Find six solutions with whole numbers and record them in the table.

If you can think of another possible solution then record this here:

a	b

2

x and y are whole numbers with the following properties:

- x is a two digit odd number
- y is a two digit even number
- $x + y = 25$

Find all of the possible solutions

3

$$c \times d = 48$$

What are the possible integer values for c and d?

4

$$2a = b$$

In this equation, a and b are both whole numbers that are less than 24?

Write the calculations that would show all of the possible values for a and b.

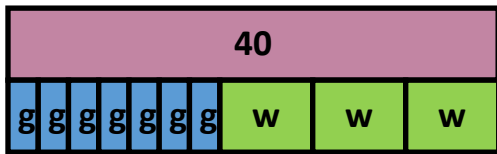
- 5 Choose values of  $e$  and use the equation to work out what  $f$  is.

$$7e + 4 = f$$

Value of $e$	Value of $f$

- 6  $7g + 3w = 40$

$g$  and  $w$  are both (positive) whole numbers. Write more than one set of possible values for  $g$  and  $w$  and record at least one of them as a bar model.



- 7  $5b - 5c = 20$

Record a possible solution for the values of  $b$  and  $c$ .