1

$$x + y = 6$$

x and y are two **different** whole numbers

What could x and y be?

1 and 5 or 2 and 4

$x =$ 1

$y =$ 5

1 mark

2

$$2x + y = 22$$

x and y are whole numbers **less than 10**

What could x and y be?

x = 9, y = 4

x = 8, y = 6

x = 7, y = 8

$x =$ 9

$y =$ 4

1 mark

3

$$g + h = 10$$

g and h are two **even** whole numbers

What could g and h be?

2 and 8 or 4 and 6

$g =$ 2

$h =$ 8

1 mark

4

$$3x + y = 11$$

List three possible different whole number pairs for x and y.

x	y
1	8
2	5
3	2

2 marks

5

$$a + 4b = 15$$

List three possible different whole number pairs for a and b.

a	b
11	1
7	2
3	3

2 marks

6

Here is a pattern of number pairs.

x	y
1	6
2	11
3	16
4	21

Complete the rule for the number pattern.

$$y = \boxed{5} \times x + \boxed{1}$$

1 mark