



- c) Find other pairs of values that the triangle and circle could equal.Find three pairs.
- a and b are whole numbers.

2

Complete the table to show different possible values for a and b.

2a + b = 14

a	0	1	2	3	4	5	6	7
2 <i>a</i>	0	2						
b	14							
2 <i>a</i> + <i>b</i>	14	14	14	14				

c and d are both integers less than 15 but greater than zero.

3c - d = 2

Complete the table to show different possible values for c and d.

с	1	2	3	4	5
3c	3				
d	1				
3 <i>c</i> – <i>d</i>	2	2	2		

b) Explain why there are no other possible values for c and d.



3

x and y are both multiples of 5 less than 100 If 2x = y, circle the possible values of x and y.







3c - d = 2

Complete the table to show different possible values for c and d.

с	1	2	3	4	5
3 <i>c</i>	3				
d	1				
3 <i>c</i> – <i>d</i>	2	2	2		

b) Explain why there are no other possible values for c and d.

x and y are both multiples of 5 less than 100 If 2x = y, circle the possible values of x and y.



Here is a rectangle.

5

6

8

x and y are both integers.

The rectangle has a perimeter of 28 cm.

- a) Write an equation to represent the perimeter of the rectangle.
- **b)** List all the possible pairs of values for x and y.

Compare answers with a partner. How do you know you have found all the possible values?

x

Aisha is buying some stationery for school. She spends exactly £1

List the possible combinations of pencils and pens that Aisha could have bought.



- Two of the cards have the same value.
- All of the cards are less than 10 but greater than zero.
- All of the cards are odd.
- The sum of the four cards is 24

Find two possible sets of cards.



- **a)** Find a pair of possible values for a and b.
- b) Work with a partner to find as many pairs of values as you can.



15n

