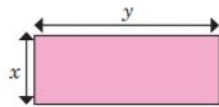


FRIDAY LEVEL 2 RPS WEEK 7

5

Here is a rectangle.

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?

6

Aisha is buying some stationery for school.

She spends exactly £1

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



4a. Vivian is finding possible values for h and i .

$$5h + 3i = 50$$



If h equals 7,
 i must equal 15.

Is Vivian correct? Explain your answer.



R

5a. If a is an odd number and b is 25, which of these could be true?

A. $2a + 3b = 105$

B. $a + a - 4b = 4$

C. $4a \div 4b = 20$

D. $3a + 3b = 96$

Convince me.



R

6a. Coats 'r' Us sell 2 medium coats and 4 small coats for £100. What possible prices can you find for each coat?

$$2m + 4s = £100$$

m	s



PS