



| rent     | possible | values | for | a | and | <i>b</i> . |
|----------|----------|--------|-----|---|-----|------------|
| i Ci i C | possible | varacs | 101 | u | ana | 0.         |

| 3  | 4   | 5  | 6  | 7  |
|----|-----|----|----|----|
| 9  | ଝ   | 10 | 12 | ly |
| 8  | 6   | ц  | 2  | 0  |
| 14 | الر | 14 | 14 | ıц |

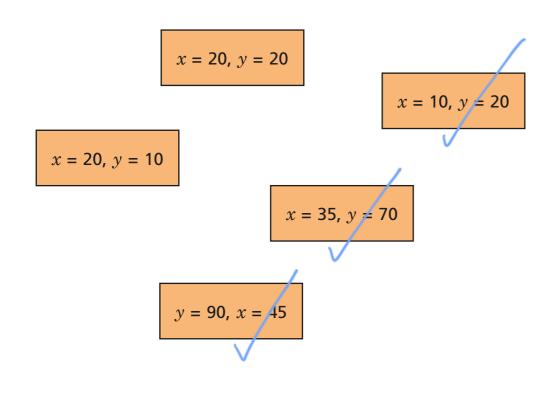
3c - d = 2

| 4  | 5  |
|----|----|
| 12 | 15 |
| lo | 13 |
| 2  | 2  |

© White Rose Maths 2019

4

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



5 Here is a rectangle. x and y are both integers. x = x

The rectangle has a perimeter of 28 cm.

a) Write an equation to represent the perimeter of the rectangle.

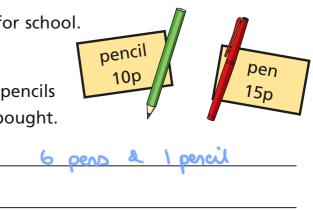
$$2\infty + 2y = 28$$

**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?

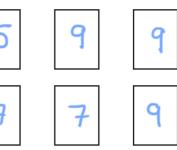
| 6 Aisha is buying some stationery fo               |
|--|
| She spends exactly £1                              |
| List the possible combinations of p                |
| and pens that Aisha could have bo                  |
| 10 pencils   |
| 2 pers & 7 percils                                 |
| 2 pers & 7 percils<br>4 pers & 4 percils           |
|  |
| 7 Ron has four digit cards.                        |
| Two of the cards have the sa                       |
| <ul> <li>All of the cards are less than</li> </ul> |
| <ul> <li>All of the cards are odd.</li> </ul>      |
| • The sum of the four cards is 2                   |
| Find two possible sets of cards.                   |
|  |
| Set 1   5  |
|  |
| Set 2   7  |
|  |
|  |
| <b>8</b> 2 <i>ab</i> =                             |
|  |
| <b>a)</b> Find a pair of possible values for       |
| e.g. $a = 6$ $b = 4$                               |
| <b>5</b>   |
| <b>b)</b> Work with a partner to find as           |
|  |
|  |



ame value.

10 but greater than zero.

## 24





for a and b.



s many pairs of values as you can.







