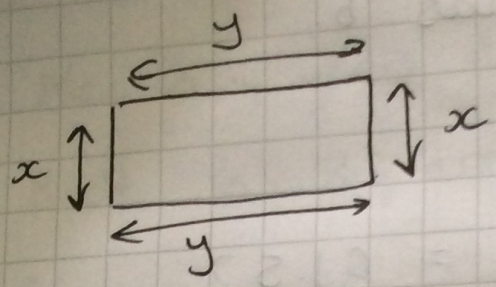
5.



a) Perimeter is the distance around the outside of the shape.

$$x + x + y + y = 28$$

$$2x + 2y = 28.$$

b) If $x = 1$, $2x = 2$

$$2x + 2y = 28$$

$$\downarrow$$

$$2 + 2y = 28$$

$$2y = 28 - 2$$

$$2y = 26$$

$$y = 13$$

Then you can follow this method putting in different values for x to find the matching y value.

8. $2ab = 48$

This means $2 \times a \times b = 48$

$a \times b = 48 \div 2$

$a \times b = 24$

Now look for pairs of numbers which multiply together to make 24.

$a = 1$	$b = 24$
$a = 2$	$b = 12$
$a = 3$	$b = 8$
$a = 4$	$b = 6$
$a = 6$	$b = 4$
$a = 8$	$b = 3$
$a = 12$	$b = 2$
$a = 24$	$b = 1$.