

- Write an expression for the perimeter of the shape
- Simplify your perimeter expression as much as possible. This process of writing the expression more simply by collecting together the parts of the expression that are the same is called combining like terms.

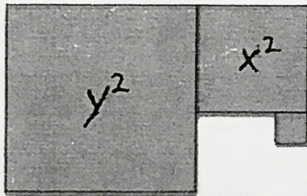
a.



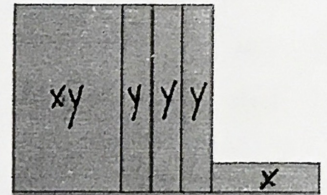
b.



c.



d.



**2-15. EXTENSION** - The perimeter of the shape to the right is 32 units. Find possible values for  $x$  and  $y$ . Is there more than one possible solution for each variable? If so, find another solution. If not, explain how you know there is only one solution.

