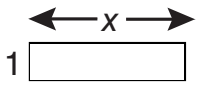
CHALLENGE 7

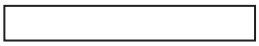
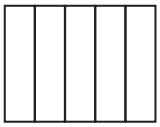
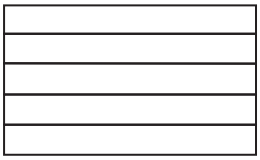
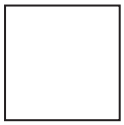
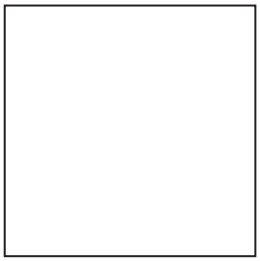
Area and Perimeter

To determine the area and perimeter of the variable blocks, we will not use the actual measurements. Instead, we will consider their dimensions in terms of x and y.

For example, the top face of an x-block is a 1-by-x rectangle. So its area is $1 \cdot x = x$, and its perimeter is $x + 1 + x + 1$, which, by combining like terms, can be written $2x + 2$.



Find and write the area and perimeter of these rectangles, which are the top faces of the remaining variable blocks. Be careful when collecting like terms.

	Area	Perimeter
1. 		
2. 		
3. 		
4. 		
5. 		
6.