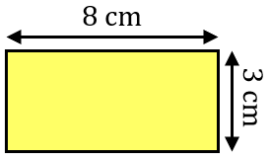
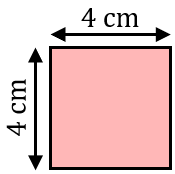
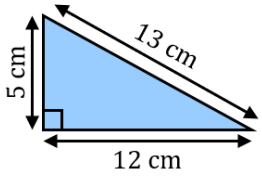
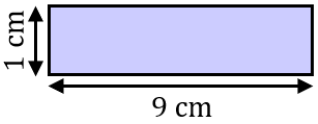
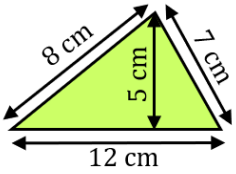
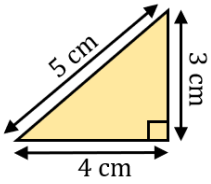
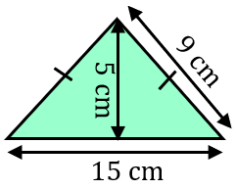
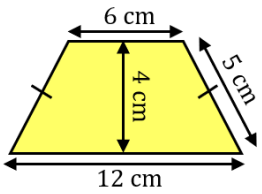
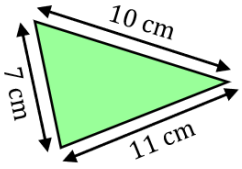
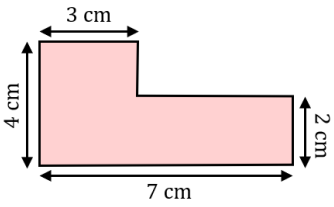
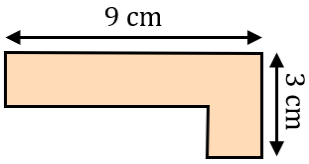
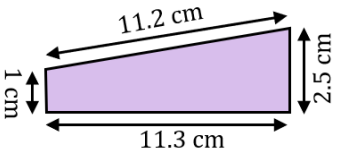
Sort It Out — Area and Perimeter

Sort these shapes into the four categories given. Where possible, state the area and perimeter of each shape.

1		**2**		**3**	
4		**5**		**6**	
7		**8**		**9**	
10		**11**		**12**	

A	The area (in cm^2) of the shape is greater than its perimeter (in cm)	**B**	The area (in cm^2) of the shape is less than its perimeter (in cm)
1	Area 24 Perimeter 22	**4**	Area 9 Perimeter 20
5	Area 30 Perimeter 27	**6**	Area 6 Perimeter 12
7	Area 37.5 Perimeter 33	**10**	Area 20 Perimeter 22
8	Area 36 Perimeter 28	**12**	Area 19.775 Perimeter 26
C	The area (in cm^2) and perimeter (in cm) of the shape are the same	**D**	There is not enough information to calculate both area and perimeter
2	Area 16 Perimeter 16	**9**	Area ? Perimeter 28
3	Area 30 Perimeter 30	**11**	Area ? Perimeter 24