Area and Perimeter

Challenge 1
Look at the shapes on your sheet.
    1) What is the area of each one?
    2) What is the perimeter of each one?

Challenge 2
1) Can you draw a shape in which the area is numerically equal to its perimeter?
2) Can you draw a shape in which the perimeter is numerically twice the area?
3) Can you draw a shape in which the area is numerically twice the perimeter?
4) Can you make the area of your shape go up but the perimeter go down?
5) Can you make the perimeter of your shape go up but the area go down?

Challenge 3
1) Can you draw some shapes that have the same area but different perimeters?
2) Can you draw some shapes that have the same perimeter but different areas?