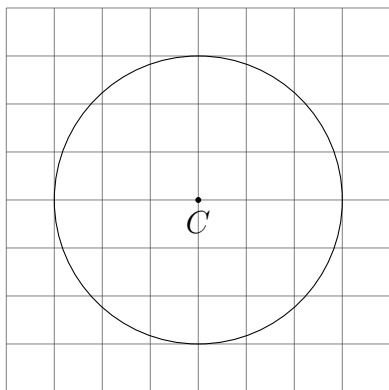17. Given the circle $C$ with circumference $4\pi$.

    (a) Write down the formula for the circumference of a circle and solve for the radius yielding a circumference of $6\pi$.

    (b) Find the area of the circle.



18. On the graph, draw polygon ABCDEF with vertices A(1, 1), B(1, 4), C(3, 4), D(3, 7), E(8, 7), and F(8, 1). Find the perimeter and the area of the polygon.