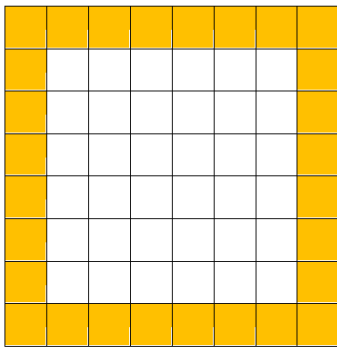
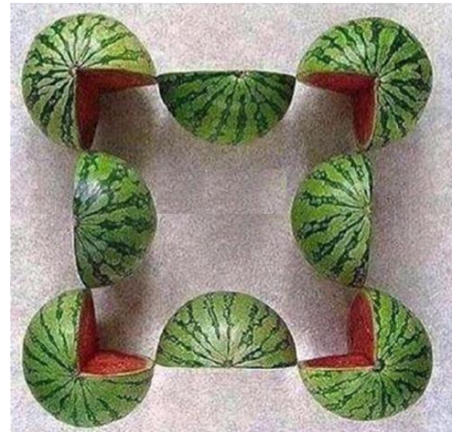


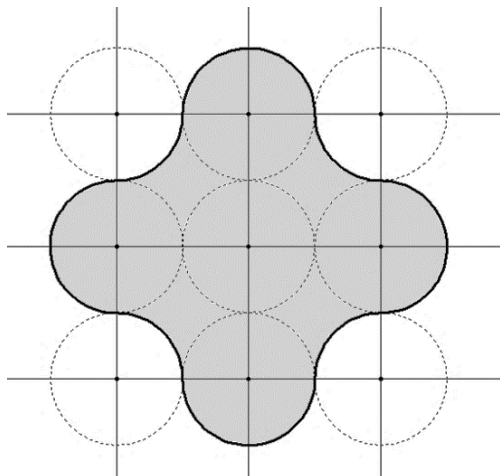
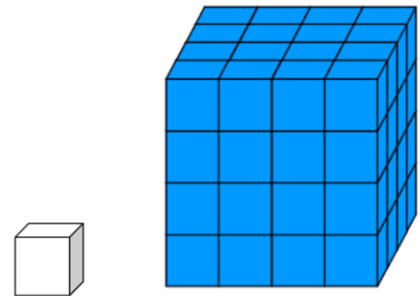
How many watermelons' worth of volume?

How many watermelons were used?



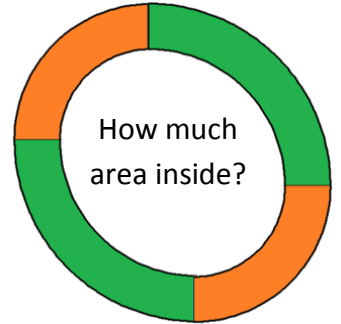
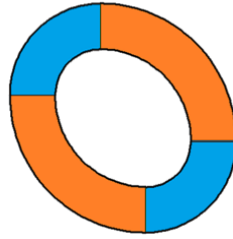
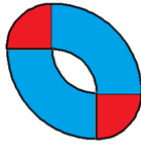
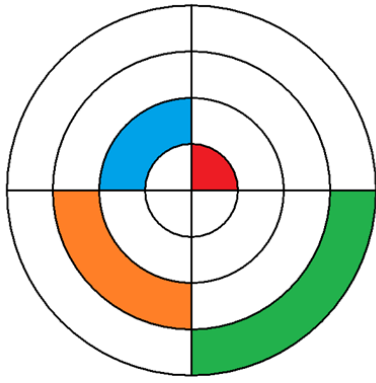
How many shaded border tiles are there for an $n \times n$ grid?

An $n \times n \times n$ cube is dipped in blue paint. How many of the small cubes get paint on them?

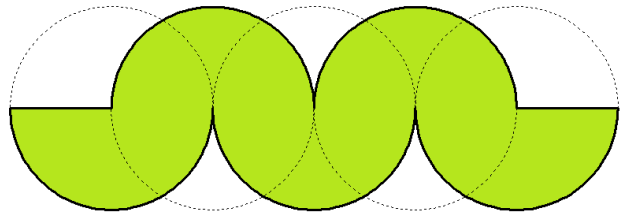


What's the area of the shaded region?

Radius = 1
Area = π



How much area is shaded?



The outer and inner radii are increased by the same amount. What is the effect on the perimeter?

