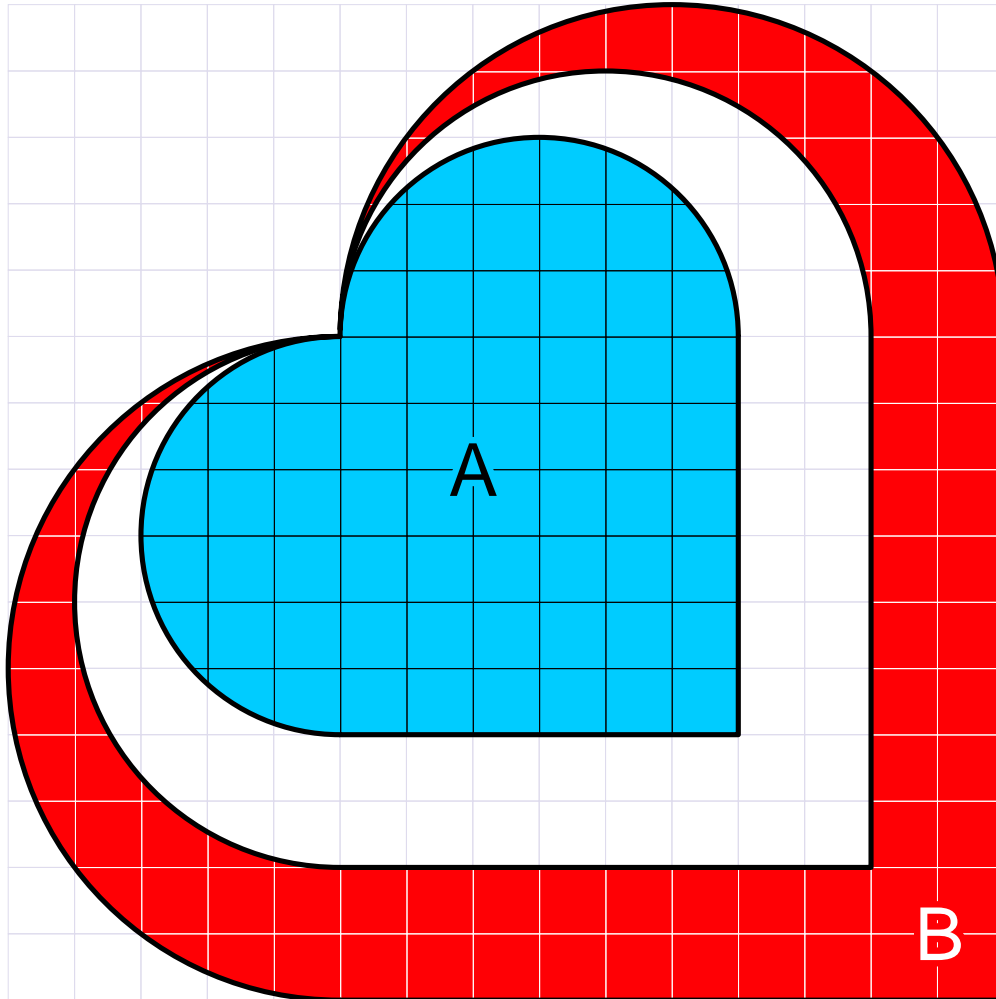


Which region is bigger - A (blue) or B (red)?



Areas of the regions: region A = $\pi \cdot 3^2 + 6^2 = 9\pi + 36$; and region B = $\pi \cdot 5^2 - \pi \cdot 4^2 + 10^2 - 8^2 = 9\pi + 36$. Thus, regions A and B have equal areas.