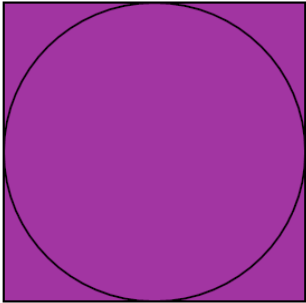


Inscribed Circle in Square - Square Area to Circle Area

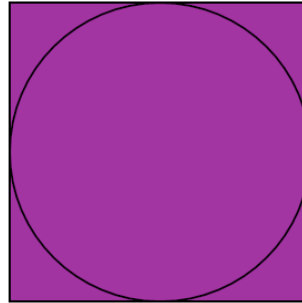
1 Find the area of the circle inscribed in a square of area 25



A **10** B $\frac{25}{4}\pi$ C $(\sqrt{10})^2\pi$

D $\frac{50}{4}\pi$ E $\frac{50}{2}\sqrt{2}$ F $2\sqrt{\frac{13}{2\pi}}$

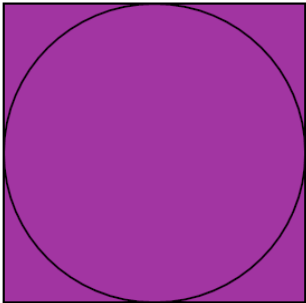
2 Find the area of the circle inscribed in a square of area 4



A $(\sqrt{2})^2\pi$ B $\frac{2^2}{2}\pi$ C $\frac{4}{4}\pi$

D $\frac{8}{4}\pi$ E $\frac{4^2}{2}\pi$ F **8π**

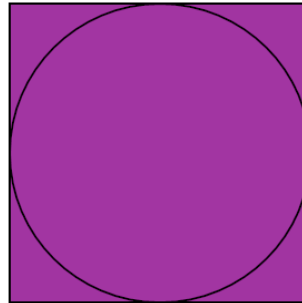
3 Find the area of the circle inscribed in a square of area 49



A $\frac{98}{4}\pi$ B $\frac{49}{4}\pi$ C $2\sqrt{\frac{14}{2\pi}}$

D $\frac{25}{\pi}$ E $\frac{49^2}{2}\pi$ F $\frac{14}{\pi}$

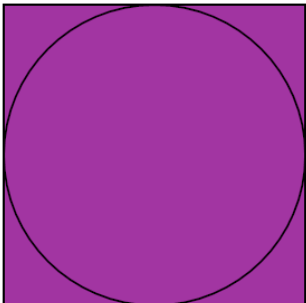
4 Find the area of the circle inscribed in a square of area 64



A $\frac{128}{4}\pi$ B $\frac{16^2}{2}\pi$ C $\frac{128}{\pi}$

D $\frac{32}{2}\sqrt{2}$ E $\frac{64}{4}\pi$ F $\frac{128^2}{2}\pi$

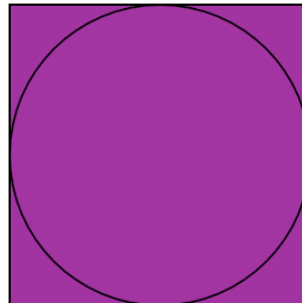
5 Find the area of the circle inscribed in a square of area 36



A $(\sqrt{18})^2\pi$ B $\frac{36}{4}\pi$ C $2\sqrt{\frac{18}{2}}$

D $2\sqrt{\frac{36}{2}}$ E $\frac{72}{4}\pi$ F $\frac{72}{2}\sqrt{2}$

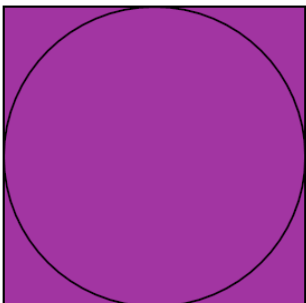
6 Find the area of the circle inscribed in a square of area 9



A $\frac{18}{\pi}$ B $\frac{5}{\pi}$ C $\frac{9}{4}\pi$

D $\frac{18}{4}\pi$ E **5π** F $\frac{5^2}{2}\pi$

7 Find the area of the circle inscribed in a square of area 16



A $2\sqrt{\frac{8}{2\pi}}$ B $\frac{16}{4}\pi$ C $\frac{8^2}{2}\pi$

D **16π** E $\frac{32}{4}\pi$ F $\frac{32^2}{2}\pi$