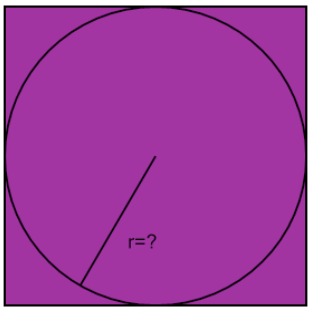
Name

Inscribed Circle in Square - Square Area to Circle Radius

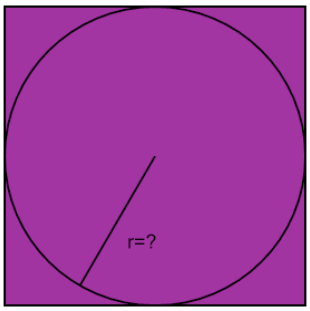
1 Find the radius of the circle inscribed in a square of area 9



A $\frac{5}{\pi}$ B 6π C $\frac{9}{2}^2\pi$

D $\frac{\sqrt{9}}{2}$ E $\frac{\sqrt{4}}{2}$ F $\frac{5}{2}\sqrt{2}$

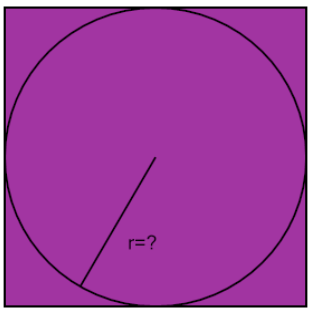
2 Find the radius of the circle inscribed in a square of area 36



A $\frac{12}{2}^2\pi$ B $\frac{\sqrt{36}}{2}$ C $2\sqrt{\frac{18}{2\pi}}$

D $2\sqrt{\frac{12}{2}}$ E $\frac{\sqrt{18}}{2}$ F 18π

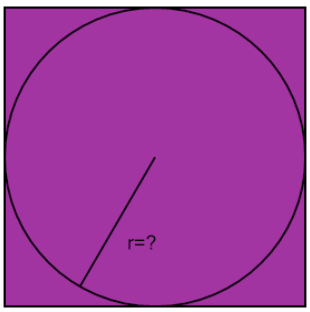
3 Find the radius of the circle inscribed in a square of area 16



A $2\sqrt{\frac{32}{2\pi}}$ B $\frac{16}{2}^2\pi$ C $\frac{\sqrt{16}}{2}$

D $\frac{\sqrt{8}}{2}$ E $\frac{8}{2}^2\pi$ F $\frac{8}{2}\sqrt{2}$

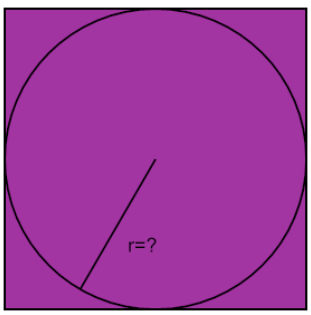
4 Find the radius of the circle inscribed in a square of area 4



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

D $2\sqrt{\frac{2}{2}}$ E $\frac{\sqrt{2}}{2}$ F $4\sqrt{8}$

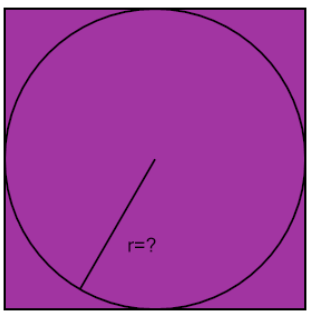
5 Find the radius of the circle inscribed in a square of area 25



A $\frac{10^2}{2}\pi$ B $\frac{50^2}{2}\pi$ C $\frac{\sqrt{12}}{2}$

D $\frac{50}{2}^2\pi$ E $\frac{\sqrt{25}}{2}$ F $2\sqrt{\frac{10}{2}}$

6 Find the radius of the circle inscribed in a square of area 49



A $\frac{25}{2}\sqrt{2}$ B $2\sqrt{\frac{25}{2\pi}}$ C $2\sqrt{\frac{49}{2\pi}}$

D $\frac{\sqrt{24}}{2}$ E 14π F $\frac{\sqrt{49}}{2}$