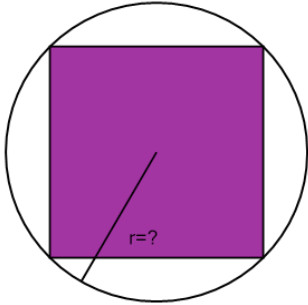


Inscribed Square in Circle - Square Area to Circle Radius

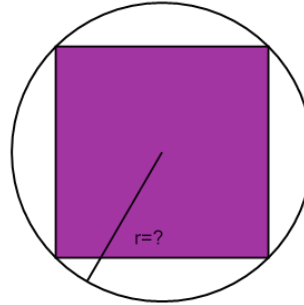
1 Find the radius of the circle with a square of area 49 inscribed



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

D $2\sqrt{\frac{14}{2\pi}}$ E $\frac{98}{4} \sqrt{2}$ F $(\sqrt{25})^2 \pi$

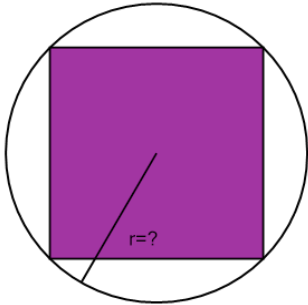
2 Find the radius of the circle with a square of area 16 inscribed



A $\frac{32}{4} \sqrt{2}$ B $\frac{16^2}{2} \pi$ C $2\sqrt{\frac{16}{2\pi}}$

D $\frac{8}{\pi}$ E $4\sqrt{16}$ F $\frac{16}{4} \sqrt{2}$

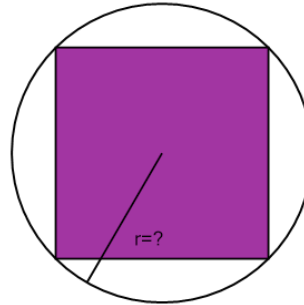
3 Find the radius of the circle with a square of area 25 inscribed



A $\frac{25}{4} \sqrt{2}$ B $4\sqrt{10}$ C **13** π

D $(\sqrt{13})^2 \pi$ E $2\sqrt{\frac{25}{2\pi}}$ F $\frac{50}{4} \sqrt{2}$

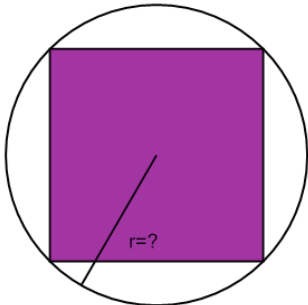
4 Find the radius of the circle with a square of area 64 inscribed



A $\frac{64}{4} \sqrt{2}$ B $\frac{128^2}{2} \pi$ C $\frac{128}{4} \sqrt{2}$

D $2\sqrt{\frac{64}{2}}$ E $(\sqrt{64})^2 \pi$ F $\frac{32}{2} \sqrt{2}$

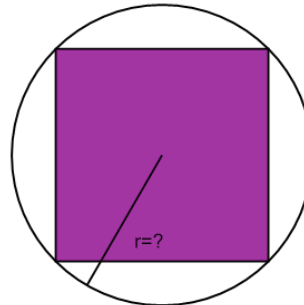
5 Find the radius of the circle with a square of area 36 inscribed



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

D $\frac{72}{4} \sqrt{2}$ E $4\sqrt{18}$ F $\frac{36}{4} \sqrt{2}$

6 Find the radius of the circle with a square of area 9 inscribed



A **9** B $\frac{9}{4} \sqrt{2}$ C $\frac{18}{4} \sqrt{2}$

D $4\sqrt{6}$ E $2\sqrt{\frac{6}{2\pi}}$ F $4\sqrt{9}$