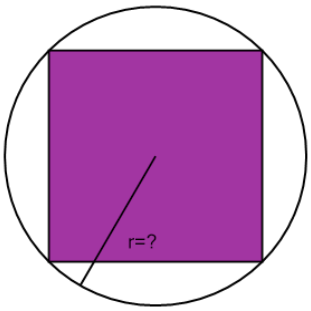
Name

Inscribed Square in Circle - Square Area to Circle Radius

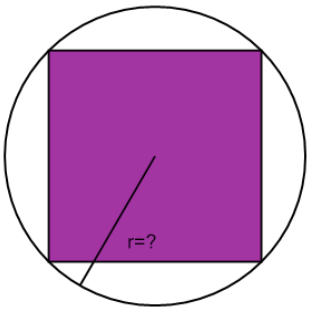
1 Find the radius of the circle with a square of area 25 inscribed



A $2\sqrt{\frac{13}{2}}$ B $\frac{13^2}{2}\pi$ C $\frac{13}{\pi}$

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

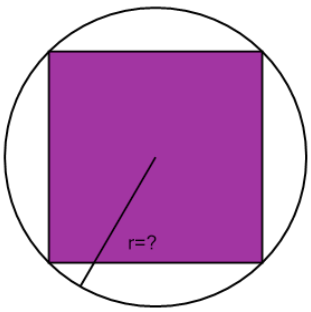
2 Find the radius of the circle with a square of area 4 inscribed



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

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

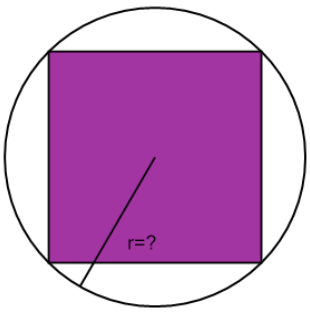
3 Find the radius of the circle with a square of area 49 inscribed



A $\frac{25}{\pi}$ B $\frac{98}{4}\sqrt{2}$ C $2\sqrt{\frac{25}{2}}$

D 49 E $\frac{49}{4}\sqrt{2}$ F $\frac{14^2}{2}\pi$

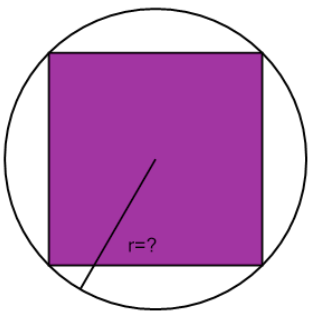
4 Find the radius of the circle with a square of area 9 inscribed



A $\frac{6}{2}\sqrt{2}$ B $\frac{5^2}{2}\pi$ C $\frac{9}{4}\sqrt{2}$

D $4\sqrt{6}$ E $\frac{18}{4}\sqrt{2}$ F $\frac{9}{\pi}$

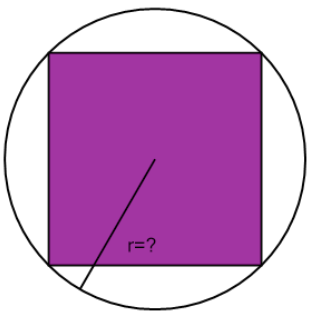
5 Find the radius of the circle with a square of area 64 inscribed



A $\frac{64^2}{2}\pi$ B $\frac{128}{4}\sqrt{2}$ C $\frac{32}{\pi}$

D $\frac{64}{4}\sqrt{2}$ E $\frac{64}{\pi}$ F $2\sqrt{\frac{16}{2\pi}}$

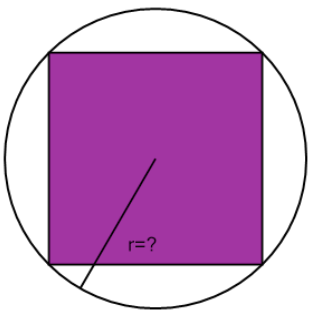
6 Find the radius of the circle with a square of area 16 inscribed



A $\frac{8}{\pi}$ B $\frac{32}{4}\sqrt{2}$ C $\frac{16^2}{2}\pi$

D 32 E $\frac{16}{4}\sqrt{2}$ F $2\sqrt{\frac{8}{2\pi}}$

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



A $(\sqrt{36})^2\pi$ B $\frac{72}{2}\sqrt{2}$ C $\frac{36}{4}\sqrt{2}$

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