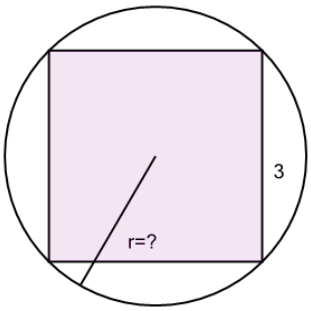
Name

Inscribed Square in Circle - Square Side Length to Circle Radius

1 Find the radius of the circle that has a 3x3 square inscribed



A $\sqrt{\frac{18}{2}}$

B $\frac{18^2}{2}\pi$

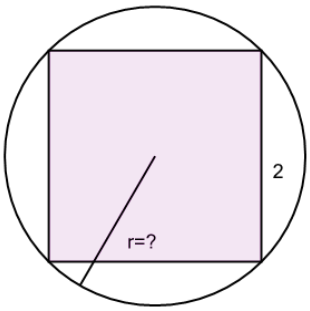
C $2\sqrt{\frac{9}{2}}$

D $4\sqrt{6}$

E $\sqrt{\frac{9}{2}}$

F $2\sqrt{\frac{18}{2\pi}}$

2 Find the radius of the circle that has a 2x2 square inscribed



A $\frac{2}{\pi}$

B $\sqrt{4}$

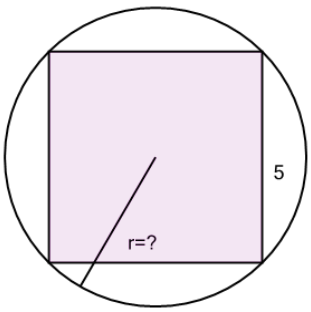
C $\sqrt{2}$

D $\frac{2^2}{2}\pi$

E 4π

F $2\sqrt{\frac{8}{2}}$

3 Find the radius of the circle that has a 5x5 square inscribed



A $2\sqrt{\frac{25}{2}}$

B $4\sqrt{10}$

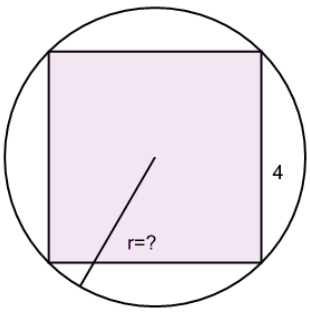
C $\sqrt{\frac{50}{2}}$

D $\frac{10}{\pi}$

E $\sqrt{\frac{25}{2}}$

F $2\sqrt{\frac{50}{2\pi}}$

4 Find the radius of the circle that has a 4x4 square inscribed



A $\frac{16}{\pi}$

B $\frac{16^2}{2}\pi$

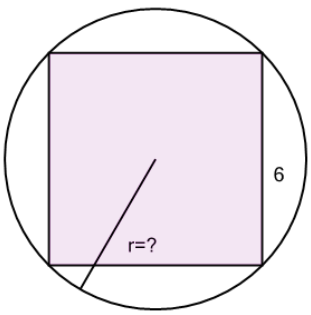
C 8π

D $\sqrt{8}$

E $\sqrt{16}$

F $\frac{8^2}{2}\pi$

5 Find the radius of the circle that has a 6x6 square inscribed



A $\frac{72}{\pi}$

B 72

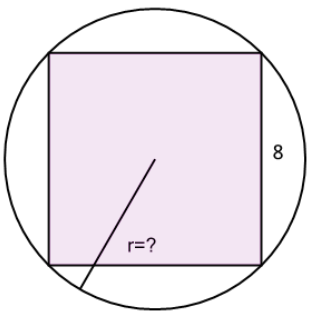
C $\sqrt{18}$

D $\frac{12^2}{2}\pi$

E $\sqrt{36}$

F $\frac{18^2}{2}\pi$

6 Find the radius of the circle that has a 8x8 square inscribed



A $\frac{32^2}{2}\pi$

B $2\sqrt{\frac{64}{2\pi}}$

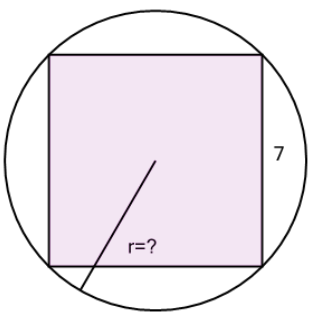
C $\sqrt{64}$

D $\frac{16}{2}\sqrt{2}$

E $\sqrt{32}$

F $\frac{64^2}{2}\pi$

7 Find the radius of the circle that has a 7x7 square inscribed



A 14π

B $\frac{49}{\pi}$

C $\frac{25}{\pi}$

D $\sqrt{\frac{98}{2}}$

E $2\sqrt{\frac{98}{2\pi}}$

F $\sqrt{\frac{49}{2}}$