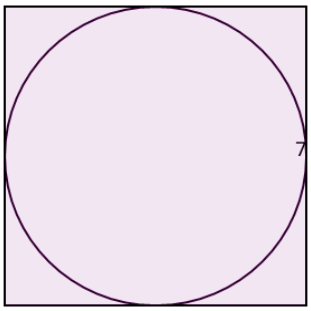
Name

Inscribed Circle in Square - Square Side Length to Circle Area

1 Find the area of the circle inscribed in a 7x7 square



A 25

B $\left(\frac{14}{2}\right)^2\pi$

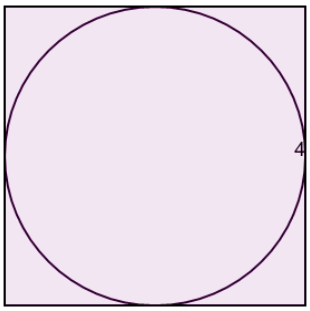
C $\left(\frac{7}{2}\right)^2\pi$

D $\left(\frac{49}{2}\right)^2\pi$

E $\left(\frac{3}{2}\right)^2\pi$

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

2 Find the area of the circle inscribed in a 4x4 square



A $\left(\frac{16}{2}\right)^2\pi$

B $\left(\frac{2}{2}\right)^2\pi$

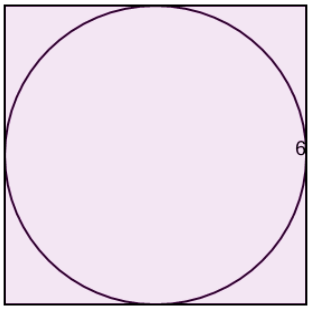
C $4\sqrt{32}$

D $\left(\frac{4}{2}\right)^2\pi$

E $\left(\frac{32}{2}\right)^2\pi$

F $\left(\frac{8}{2}\right)^2\pi$

3 Find the area of the circle inscribed in a 6x6 square



A $4\sqrt{12}$

B $\left(\frac{3}{2}\right)^2\pi$

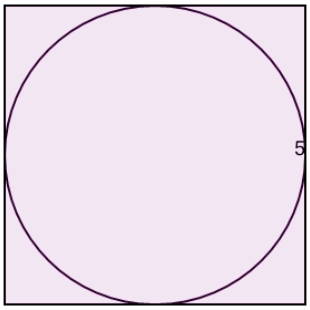
C $\left(\frac{6}{2}\right)^2\pi$

D $\left(\frac{18}{2}\right)^2\pi$

E $\frac{18}{\pi}$

F $2\sqrt{\frac{36}{2\pi}}$

4 Find the area of the circle inscribed in a 5x5 square



A $\left(\frac{2}{2}\right)^2\pi$

B 25

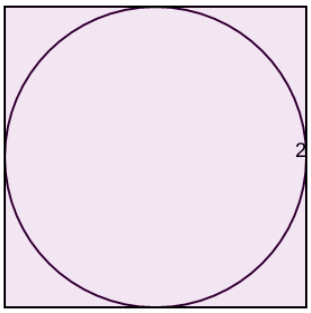
C 50π

D $\left(\frac{5}{2}\right)^2\pi$

E 13π

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

5 Find the area of the circle inscribed in a 2x2 square



A $\left(\frac{2}{2}\right)^2\pi$

B $\left(\frac{2}{2}\right)^2\pi$

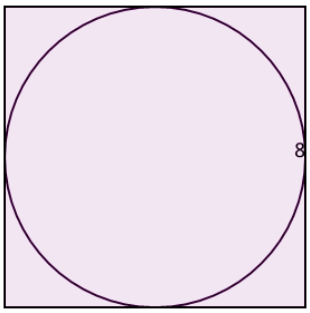
C $\frac{4}{\pi}$

D $\left(\frac{4}{2}\right)^2\pi$

E $\left(\sqrt{4}\right)^2\pi$

F $\left(\frac{1}{2}\right)^2\pi$

6 Find the area of the circle inscribed in a 8x8 square



A $\left(\frac{4}{2}\right)^2\pi$

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

C $\left(\frac{8}{2}\right)^2\pi$

D $\frac{64}{\pi}$

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

F $2\sqrt{\frac{32}{2}}$