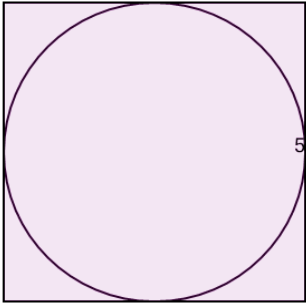


## Inscribed Circle in Square - Square Side Length to Circle Area

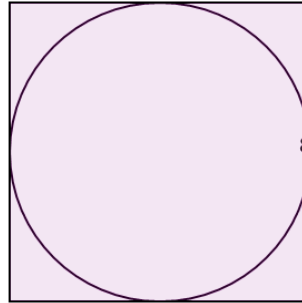
1 Find the area of the circle inscribed in a 5x5 square



A  $(\frac{2}{2})^2 \pi$     B  $2\sqrt{\frac{10}{2\pi}}$     C  $(\frac{5}{2})^2 \pi$

D  $2\sqrt{\frac{13}{2\pi}}$     E  $\frac{10^2}{2} \pi$     F **13**

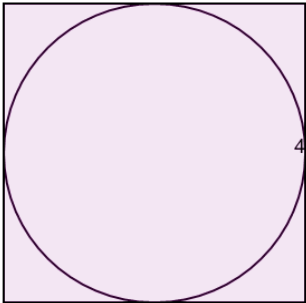
2 Find the area of the circle inscribed in a 8x8 square



A  $(\frac{4}{2})^2 \pi$     B  $\frac{16^2}{2} \pi$     C  $2\sqrt{\frac{64}{2\pi}}$

D  $(\frac{8}{2})^2 \pi$     E  $4\sqrt{16}$     F  $2\sqrt{\frac{128}{2}}$

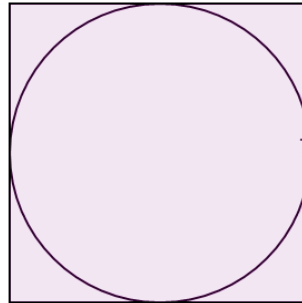
3 Find the area of the circle inscribed in a 4x4 square



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

D  $(\frac{4}{2})^2 \pi$     E  $\frac{8^2}{2} \pi$     F  $(\frac{2}{2})^2 \pi$

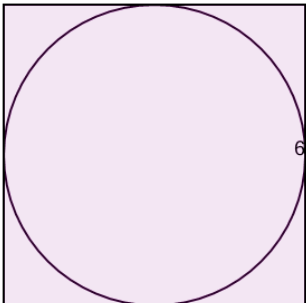
4 Find the area of the circle inscribed in a 7x7 square



A  $\frac{25^2}{2} \pi$     B  $\frac{98^2}{2} \pi$     C  $(\frac{3}{2})^2 \pi$

D  $\frac{98}{\pi}$     E  $(\frac{7}{2})^2 \pi$     F  $(\sqrt{49})^2 \pi$

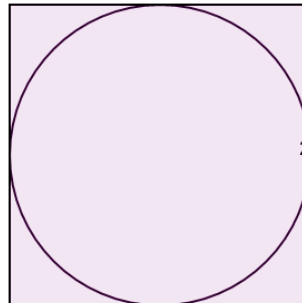
5 Find the area of the circle inscribed in a 6x6 square



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

D  $(\frac{3}{2})^2 \pi$     E  $(\frac{6}{2})^2 \pi$     F  $\frac{12^2}{2} \pi$

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



A  $\frac{8^2}{2} \pi$     B  $(\frac{2}{2})^2 \pi$     C  $2\sqrt{\frac{8}{2\pi}}$

D  $\frac{8}{\pi}$     E  $(\frac{1}{2})^2 \pi$     F  $(\sqrt{2})^2 \pi$