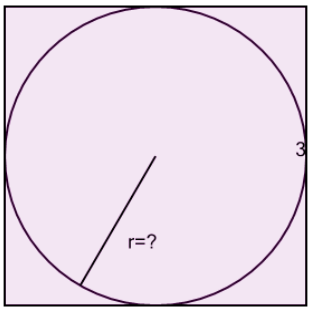
Name

Inscribed Circle in Square - Square Side Length to Circle Radius

1 Find the radius of the circle inscribed in a 3x3 square



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

B $\frac{3}{2}$

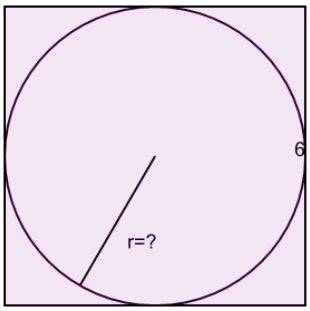
C $4\sqrt{6}$

D $\frac{6}{2}$

E 5

F $2\sqrt{\frac{5}{2\pi}}$

2 Find the radius of the circle inscribed in a 6x6 square



A $\frac{36^2}{2}\pi$

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

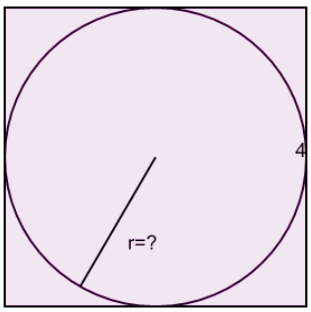
C $\frac{72}{\pi}$

D $\frac{12}{2}$

E $\frac{6}{2}$

F $\frac{72^2}{2}\pi$

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



A $\frac{4}{2}$

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

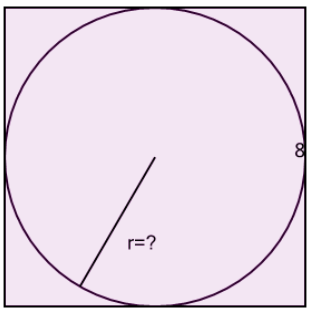
C $\frac{8}{2}$

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

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

F 16π

4 Find the radius of the circle inscribed in a 8x8 square



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

B $\frac{16}{2}$

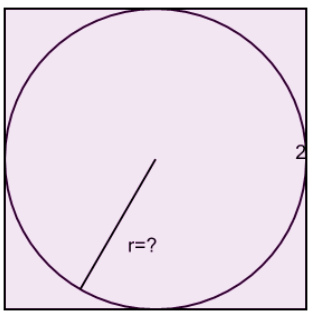
C 64

D 128π

E $\frac{8}{2}$

F $2\sqrt{\frac{128}{2\pi}}$

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



A $\frac{2}{2}$

B $4\sqrt{8}$

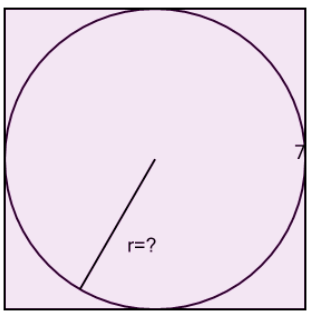
C $\frac{4}{2}$

D 2

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

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

6 Find the radius of the circle inscribed in a 7x7 square



A $\frac{98}{\pi}$

B 49

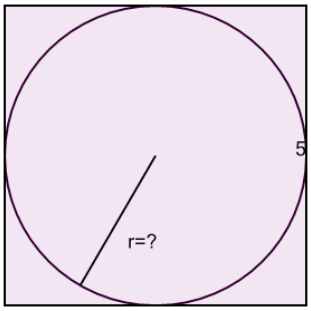
C $\frac{14}{2}\sqrt{2}$

D $\frac{7}{2}$

E $\frac{14}{2}$

F $\frac{14^2}{2}\pi$

7 Find the radius of the circle inscribed in a 5x5 square



A $\frac{10}{2}$

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

C $2\sqrt{\frac{10}{2\pi}}$

D $\frac{5}{2}$

E 13π

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