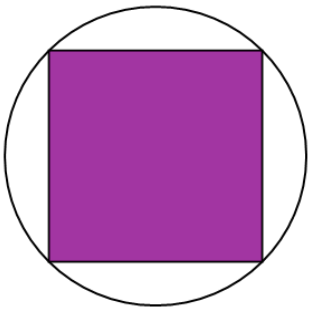
Name

Inscribed Square in Circle - Square Area to Circle Area

1 Find the area of the circle that has a square inscribed of area 9



A $\frac{9}{2}\pi$

B $2\sqrt{\frac{6}{2\pi}}$

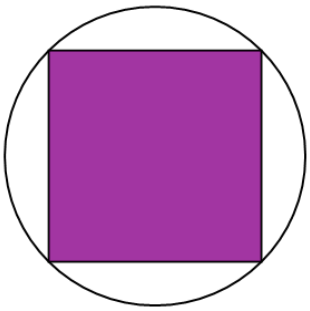
C $\frac{18}{\pi}$

D 6π

E $\frac{6^2}{2}\pi$

F $\frac{4^2}{2}\pi$

2 Find the area of the circle that has a square inscribed of area 36



A 12π

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

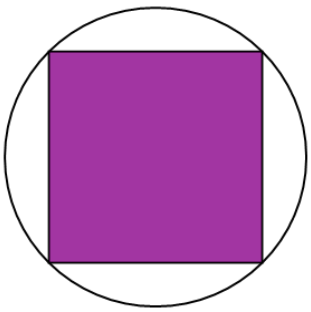
C $2\sqrt{\frac{36}{2\pi}}$

D $\frac{36}{2}\pi$

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

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

3 Find the area of the circle that has a square inscribed of area 49



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

B $\frac{98}{\pi}$

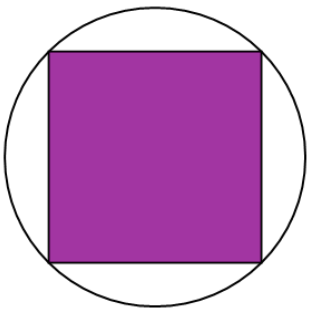
C $\frac{49^2}{2}\pi$

D $\frac{25^2}{2}\pi$

E $\frac{49}{2}\pi$

F $\frac{24^2}{2}\pi$

4 Find the area of the circle that has a square inscribed of area 4



A 8π

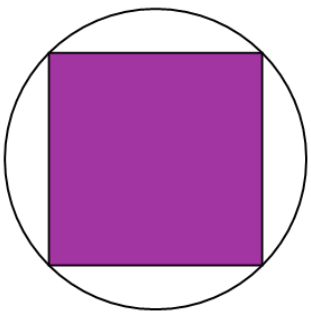
B $2\sqrt{\frac{2}{2\pi}}$

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

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

E $\frac{4}{2}\pi$

5 Find the area of the circle that has a square inscribed of area 64



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

B $(\sqrt{16})^2\pi$

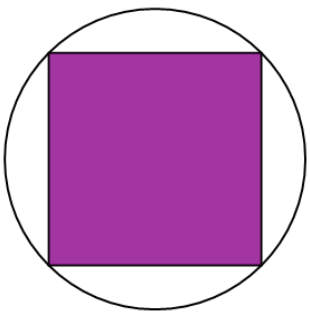
C $\frac{32^2}{2}\pi$

D $\frac{128}{\pi}$

E $(\sqrt{32})^2\pi$

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

6 Find the area of the circle that has a square inscribed of area 16



A 32π

B 32

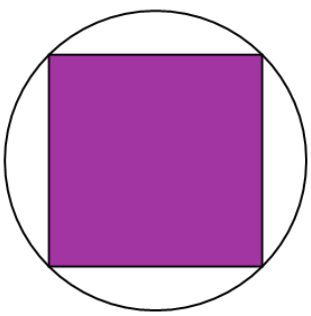
C $2\sqrt{\frac{16}{2\pi}}$

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

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

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

7 Find the area of the circle that has a square inscribed of area 25



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

B $\frac{25^2}{2}\pi$

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

D $\frac{25^2}{2}\pi$

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

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