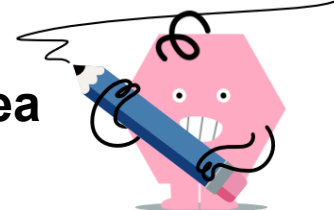
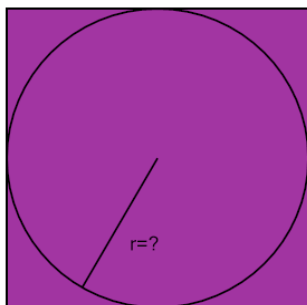




Inscribed Circle in Square - Square Area to Circle Radius

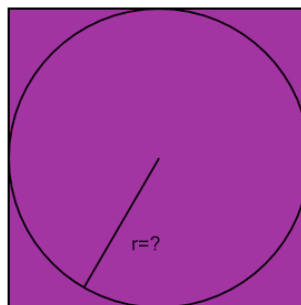


1 Find the radius of the circle inscribed in a square of area 25



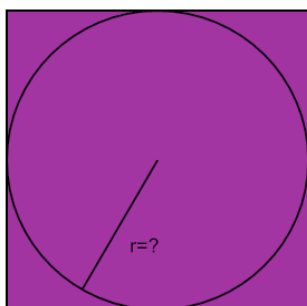
- | | | |
|---------------------------|---------------------------|------------------------|
| A | B | C |
| $2\sqrt{\frac{13}{2\pi}}$ | $\frac{\sqrt{25}}{2}$ | $2\sqrt{\frac{50}{2}}$ |
| D | E | F |
| $\frac{50^2}{2}\pi$ | $2\sqrt{\frac{25}{2\pi}}$ | $\frac{\sqrt{12}}{2}$ |

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



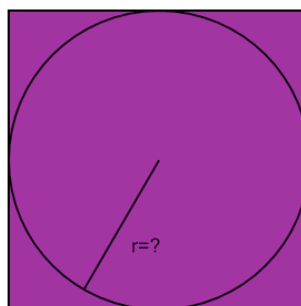
- | | | |
|--------------------|----------------------|--------------------|
| A | B | C |
| $\frac{8^2}{2}\pi$ | $\frac{\sqrt{2}}{2}$ | $\frac{8^2}{2}\pi$ |
| D | E | F |
| $\frac{4}{\pi}$ | $\frac{\sqrt{4}}{2}$ | $\frac{2^2}{2}\pi$ |

3 Find the radius of the circle inscribed in a square of area 36



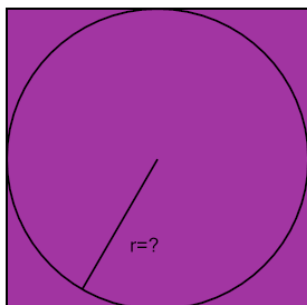
- | | | |
|-----------------------|---------------------|-----------------------|
| A | B | C |
| $\frac{\sqrt{36}}{2}$ | $\frac{72}{\pi}$ | $\frac{\sqrt{18}}{2}$ |
| D | E | F |
| $4\sqrt{72}$ | $\frac{72^2}{2}\pi$ | $4\sqrt{36}$ |

4 Find the radius of the circle inscribed in a square of area 9



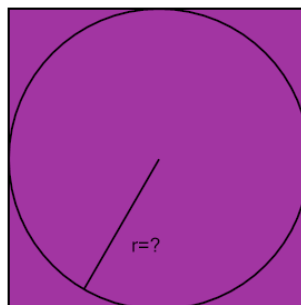
- | | | |
|----------------------|----------------------|--------------------------|
| A | B | C |
| $\frac{\sqrt{4}}{2}$ | $\frac{\sqrt{9}}{2}$ | $\frac{9^2}{2}\pi$ |
| D | E | F |
| $4\sqrt{18}$ | $\frac{6^2}{2}\pi$ | $2\sqrt{\frac{6}{2\pi}}$ |

5 Find the radius of the circle inscribed in a square of area 16



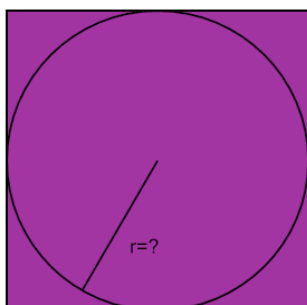
- | | | |
|----------------------|------------------|--------------------------|
| A | B | C |
| $\frac{\sqrt{8}}{2}$ | $4\sqrt{32}$ | $\frac{\sqrt{16}}{2}$ |
| D | E | F |
| 32π | $\frac{16}{\pi}$ | $2\sqrt{\frac{8}{2\pi}}$ |

6 Find the radius of the circle inscribed in a square of area 64



- | | | |
|-----------------------|-----------------------|--------------|
| A | B | C |
| $(\sqrt{64})^2\pi$ | 32 | $4\sqrt{16}$ |
| D | E | F |
| $\frac{\sqrt{32}}{2}$ | $\frac{\sqrt{64}}{2}$ | $4\sqrt{32}$ |

7 Find the radius of the circle inscribed in a square of area 49



- | | | |
|--------------------|---------------------------|-----------------------|
| A | B | C |
| $(\sqrt{98})^2\pi$ | $\frac{\sqrt{24}}{2}$ | $\frac{\sqrt{49}}{2}$ |
| D | E | F |
| $4\sqrt{98}$ | $2\sqrt{\frac{98}{2\pi}}$ | 49 π |