|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | R | r | a4 | P | S |
|  | 1 | $$\frac{\sqrt{2}}{2}$$ | $$\sqrt{2}$$ | 4\*$\sqrt{2}$ | $$(\sqrt{2})^{2}=2$$ |
|  | 6\*$\sqrt{2}$ | 6 | 3 | 3\*4=12 | $$3^{2}=9$$ |
|  | $$\sqrt{2}$$ | 1 | 8:4=2 | 8 | $$2^{2}=4$$ |

Для четырехугольника (квадрата).

S=a2=$\frac{1}{2}$Pr

r=R\*cos$\frac{180}{n}$=R\*cos 45=$\frac{\sqrt{2}}{2}R$; R= $\sqrt{2}r$

a=$\sqrt{2}R$ ; R=a\*$\frac{\sqrt{2}}{2}$; a=0,5r