**ФОРМУЛИ ПЛОЩ МНОГОКУТНИКІВ**

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| МНОГОКУТНИК | ФОРМУЛА |
| ДОВІЛЬНИЙ ТРИКУТНИК | S = $\frac{1}{2}$ ⋅ *a* ⋅ *h*aS = $\frac{1}{2}$ *a* ⋅ *b* sin αS = $\sqrt{p\left(p-a\right)\left(p-b\right)\left(p-c\right)}$, p = $\frac{a+b+c}{2}$S = p ⋅ rS = $\frac{abc}{4R}$ |
| ПРАВИЛЬНИЙ ТРИКУТНИК | S = $\frac{a^{2}\sqrt{3}}{4}$ |
| ПРЯМОКУТНИЙ ТРИКУТНИК | S = $\frac{1}{2}$ *ab* |
| ДОВІЛЬНИЙ ПАРАЛЕЛОГРАМ | S = *a* ⋅ *h* S = *a* ⋅ *b* ⋅ sin α S = $\frac{1}{2}$ *d*1 ⋅ *d*2 ⋅ sin α |
| РОМБ | S = *a*2 ⋅ sin α S = $\frac{1}{2}$ *d*1 ⋅ *d*2  |
| ПРЯМОКУТНИК | S = *a* ⋅ *b* S = $\frac{1}{2}$ *d* 2 ⋅ sin α |
| КВАДРАТ | S = *a*2 S = $\frac{d^{2}}{2}$ |
| ТРАПЕЦІЯ | S = $\frac{a+b}{2}$ ⋅ *h*  S = $\frac{1}{2}$ *d*1 ⋅ *d*2 ⋅ sin α |