|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Точка А | | | Точка В | | | | | | Точка С | | | | | | |  | | | |  | | | |
| х | у | | х | | у | | | | х | | | у | | | |  | | | |  | | | |
| 6,92820323 | -1 | | 0 | | 3 | | | | 13,856 | | | 3 | | | |  | | | |  | | | |
| А(4√3;-1),В(0;3) ,С(8√3;3) | |  | |  | | |  | | |  | | | |  | | | |  | | | |  | | | |
| Длины сторон и векторы | | | | | | | | | | | | | | |  | | | | | | | |
| АВ | | | ВС | | | | | АС | | | | | | |  | | | |  | | | |
| Δx | Δy | | Δx | | Δy | | | Δx | | | Δy | | | |  | | | |  | | | |
| -6,92820323 | 4 | | 13,8564 | | 0 | | | 6,9282 | | | 4 | | | |  | | | |  | | | |
| 48 | 16 | | 192 | | 0 | | | 48 | | | 16 | | | | Квадраты | | | |  | | | |
|  | 64 | |  | | 192 | | |  | | | 64 | | | |  | | | |  | | | |
| **АВ (c) =** | **8** | | **ВС(a) =** | | | **13,856** | | | **АС (b) =** | | | | **8** | | | |  | | | |  | | | |
| Периметр Р = | | | | | 29,856 | | |  | | |  | | | |  | | | |  | | | |
| **Полупериметр р =** | | | | | **14,928** | | |  | | |  | | | |  | | | |  | | | |
|  |  | |  | |  | | |  | | |  | | | |  | | | |  | | | |
| **Углы по теореме косинусов** | | | | | | | |  | | |  | | | |  | | | |  | | | |
| cos A = | -0,5 | | A = | | 2,0944 | | | радиан | | | 120 | | | | градусов | | | |  | | | |
| cos B = | 0,86603 | | B = | | 0,5236 | | | радиан | | | 30 | | | | градусов | | | |  | | | |
| cos C = | 0,86603 | | C = | | 0,5236 | | | радиан | | | 30 | | | | градусов | | | |  | | | |