**Roots of Quadratics**

Sum of roots

Product of roots

|  |  |  |
| --- | --- | --- |
| New Roots | New Sum | New Product |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

For a cubic with roots α, β, γ …

Sum of roots

Sum of pairs

Product of roots