***Analytic Geometry***

***Parabola***

|  |  |  |
| --- | --- | --- |
|  | ***Horizontal*** | |
|  |  |  |
| ***Vertex: V*** |  |  |
| ***Foci: F*** |  |  |
| ***Directrix*** |  |  |

|  |  |  |
| --- | --- | --- |
|  | ***Vertical*** | |
|  |  |  |
| ***Vertex: V*** |  |  |
| ***Foci: F*** |  |  |
| ***Directrix*** |  |  |

***Ellipse***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***Horizontal*** | | ***Vertical*** | |
|  |  |  |  |  |
| ***Center: C*** |  |  |  |  |
| ***Vertices: V*** |  |  |  |  |
| ***Minor: M*** |  |  |  |  |
| ***Foci: F*** |  |  |  |  |
|  |  | |  | |

***Hyperbola***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ***Horizontal*** | | ***Vertical*** | |
|  |  |  |  |  |
| ***Center: C*** |  |  |  |  |
| ***Vertices: V*** |  |  |  |  |
| ***End-points: W*** |  |  |  |  |
| ***Foci: F*** |  |  |  |  |
| ***Asymptotes:*** |  |  |  |  |
|  |  | |  | |