|  | Chapter 10 CONIC SECTIONS <br> Cornell Notes/Summary Sheet | Name: $\qquad$ <br> Period: $\qquad$ |
| :---: | :---: | :---: |
| Prior Knowledge | Your Notes |  |
| - Distance formula <br> - Midpoint formula <br> - Pythagorean Theorem |  |  |
| Lessons 10.1-10.3 <br> - Standard form equation of a circle <br> - Center \& radius of a circle <br> - Translating circles <br> - Points on a circle <br> - Circles \& tangents <br> - Circumference \& area <br> - General form equation of a circle <br> - Completing the square | Your Notes |  |
| Lessons 10.4 \& 10.5 <br> - Parabolas <br> - Standard form equation of a vertical/horizontal parabola <br> - Center, directrix, \& focus of a vertical/horizontal parabola <br> - General form equation of a parabola | ```Your Notes \\ VERTICAL, CENTER ( 0,0 ) equation \\ DIRECTRIX \\ focus \\ VERTICAL, CENTER (H, K) \\ equation \\ DIRECTRIX \\ focus``` | HORIZONTAL, CENTER ( 0,0 ) EqUATION <br> DIRECTRIX <br> focus <br> HORIZONTAL, CENTER (H, K) <br> equation <br> DIRECTRIX <br> focus |
| Lesson 10.8 | Your Notes |  |
| - General conic form \& the relationship between $A \& B$ for circles, parabolas, ellipses, and hyperbolas |  |  |



