

## Lesson 14.4 - Big Ideas

- Hyperbola
- Standard form equation of a hyperbola
- Center
- Transverse axis
- Conjugate axis axis
- Vertices
- Foci
- Pythagorean relation
- Asymptotes
- General form equation of a hyperbola


## Lesson 14.5 - Big Ideas

- Parabola
- Standard form equation of a parabola
- Vertex
- Focus
- Directrix
- Latus rectum
- General form equation of a parabola


## Your Notes

| HORIZONTAL HYPERBOLA |  | VERTICAL HYPERBOLA |
| :---: | :---: | :---: |
|  | EQUATION |  |
|  | TRANSVERSE <br> AXIS |  |
|  | VERTICES |  |
|  | FOCI |  |
|  | ASYMPTOTES |  |

## Your Notes

| EQUATION | VERTEX | FOCUS | DIRECTRIX | OPENS |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | UP |
|  |  |  |  | DOWN |
|  |  |  |  | RIGHT |
|  |  |  |  | LEFT |

