Name:

## Sininilify Radicalls <br> Verotex <br>  <br> 



- Rewrite expression as a list of prime factorization and variables.
- Circle pairs.
- Move to the outside of the radical (square root sign)
- Leave any non-paired numbers or variables on the inside of the radical.
I. $\sqrt{49 x^{2} y^{20}}$

2. $\sqrt{48 x^{3} y^{4}}$
 $(h, k)$ is the vertex of the parabola.

 where the parabola is either at a maximum or a minimum.

Example: $(-3,-1)$
 line of symmetry of a parabola cuts the parabola in half through the vertex.

Example: $x=-3$

