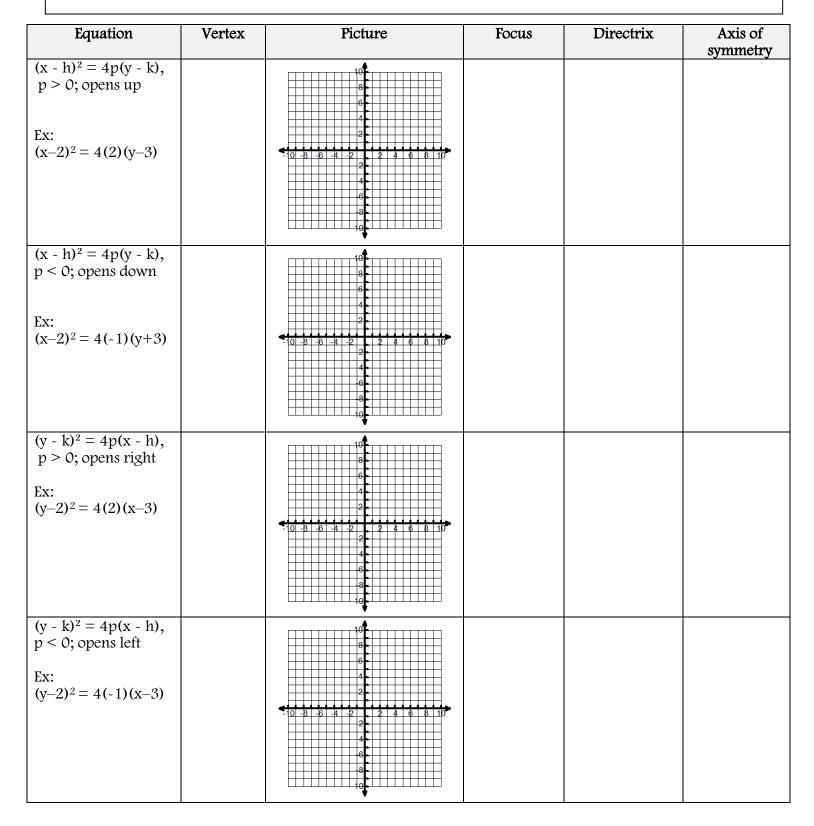
## Parabolas

- All Parabolas have a \_\_\_\_\_, \_\_\_\_, and \_\_\_\_\_.
  The \_\_\_\_\_\_ is always the turning point of the parabola.
- > The \_\_\_\_\_\_ is always on the inside of the parabola.
- > The \_\_\_\_\_\_ is the straight line that is outside the parabola.
- The vertex is the \_\_\_\_\_ between the focus and directrix
  The distance between the vertex and focus or the directrix and vertex is
- $\blacktriangleright$  referred to as .



Writing Equations given Vertex and Focus	
Vertex (2, -3) Focus (2, -5)	Vertex (4, -2) Focus (6, -2)
Writing Equations given Directrix and Focus	
Focus: (2,4); directrix line: x = - 4	Focus: (-4,4); directrix line: y = -2