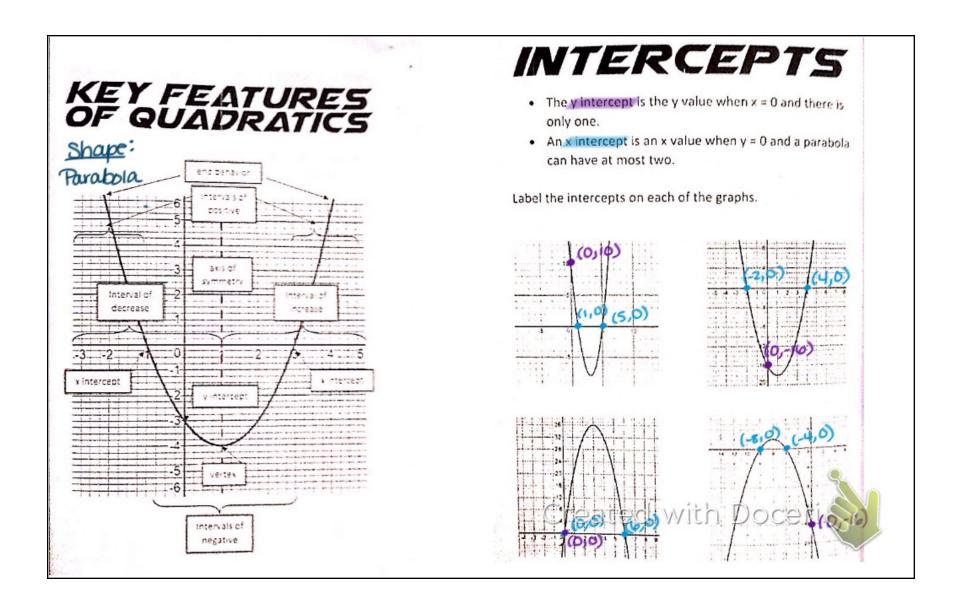
Moth 1 · Test Wednesday! · get toolkits, gluesticks, a different colors of Colored pencils or highligher Created with Doceric

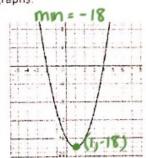


MAX OR MIN

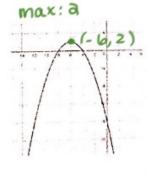
- The maximum value is the largest y value and occurs when the parabola opens down.
- The minimum value is the smallest y value and occurs when the parabola opens up.
- . The max or min value is the y value of the vertex.

Identify if the parabola has a maximum or minimum and label the vertex on each of the graphs.





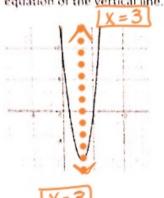


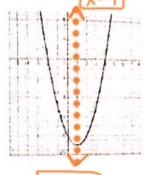


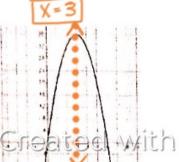


- The axis of symmetry is the vertical line of reflection and can be written in the form x = #.
- . The axis of symmetry is the x value of the vertex

Draw the line of symmetry for each parabola and write the equation of the vertical line.





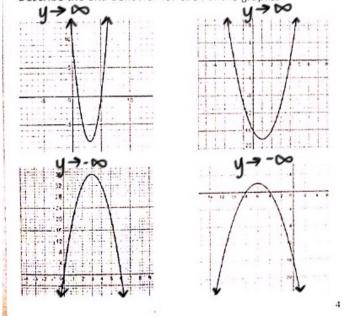




END BEHAVIOR

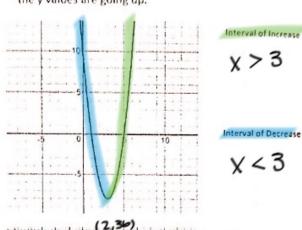
- · The end behavior describes what happens to the y values as:
 - o x goes towards negative infinity (x ->->)
 - o x goes towards positive infinity (x → ∞)
- · If the parabola opens up, the y values are going towards infinity (y >> >>)
- · If the parabola opens down, the y values are going towards negative infinity (y > ----)

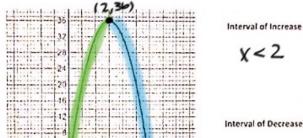
Describe the end behavior for each of the graphs.



INTERVALS OF INCA

· The interval of increase describes the x values for when the y values are going up.





5

Interval of Decrease

