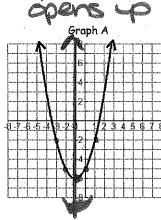
Quadratic Relationships with Graphs

Claswork Activity

	KEY	A. Carrier of the Control of the Con
Name		
Date	Period	

2) Draw the axis of symmetry On each graph: 1) Draw a point at the vertex 3) State the vertex as an ordered pair 4) Identify the vertex as a maximum or minimum point 5) Write the equation for the axis of symmetry (x= _) 6) State the Domain and Range.

Examples:



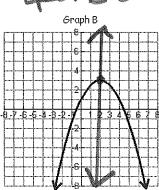
Vertex:

Max/Min

Axis of symmetry:

Domain All Cal

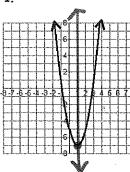
come down



Vertex: (2

Axis of symmetry:

1.

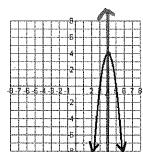


Vertex:

Max(Min)

AOS: 🗶 🛎

Range:



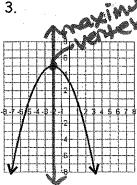
Vertex:

Max/Min

AOS:

Domain: T

Range:

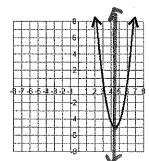


Vertex: (-2,5)

AOS:

Domain:

Range:



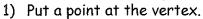
Vertex: (4.5, -5)
Max (Min)

AOS: X3 4.5

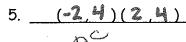
Domain:

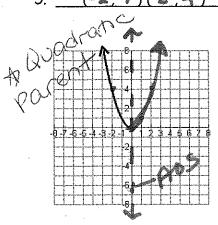
Range:

Below are incomplete graphs of quadratic relationships that stop at the vertex. Use what you know about characteristics of parabolas to complete the graphs.

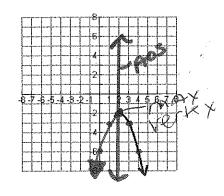


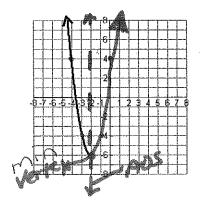
- 2) Draw the axis of symmetry.
- 3) Name the coordinate pairs of two corresponding points that are symmetrical.





6. (3-3)(1,3)





8. (-5,6)(-1,0)

