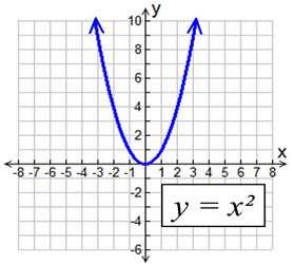
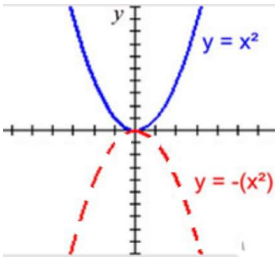
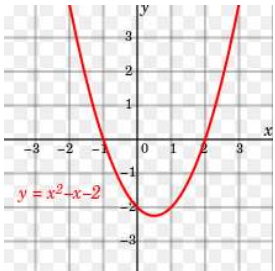
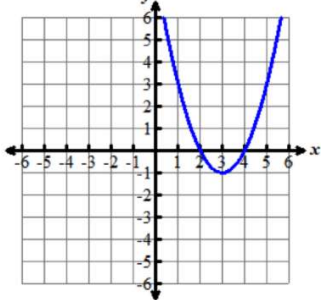
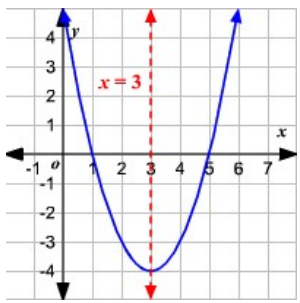


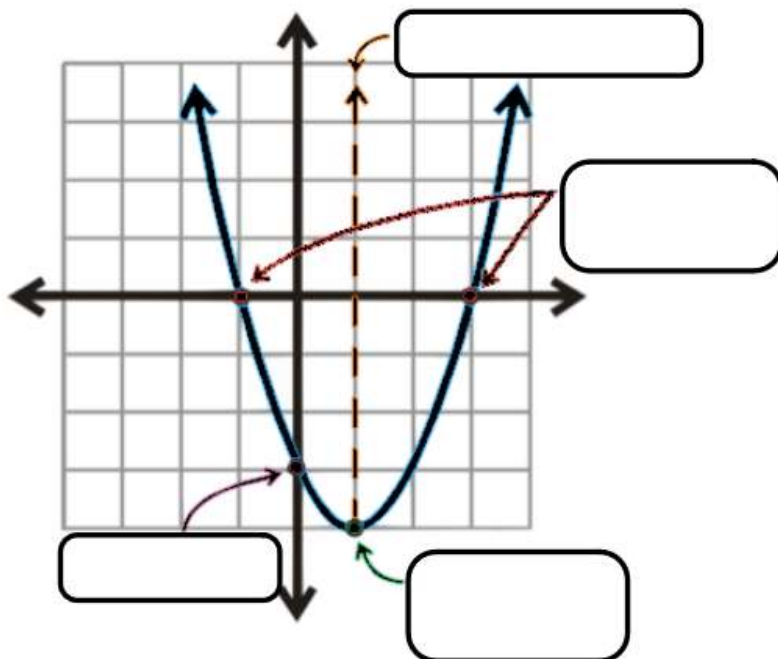
VOCABULARY WORD	PICTURE	DEFINITION	SYMBOL / UNIT / FORMULA, ETC	KEY WORD
Quadratic Function	<p style="text-align: center;">PARENT FUNCTION</p> 			
Parabolas				
Intercepts				
Vertex			<p style="text-align: center;"><u>Vertex Form</u> $y = a(x - h)^2 + k$</p>	
Axis of Symmetry				

Domain				
Range				

There are 6 basic characteristics you need to pay attention to when graphing quadratic functions:

1. Vertex
2. Axis of Symmetry (AOS)
3. x-intercepts (roots)
4. y-intercepts
5. Domain and Range
6. Direction of Parabola – The parabola will open “up” when the leading coefficient is _____.

The parabola will open “down” when the leading coefficient is _____.



The leading coefficient of this graph would be

Domain:

Range: