

Classwork Lesson 20

$$f(x) = x^2$$

Vertical stretching

$$h(x) = 2f(x)$$

Vertical compression

$$g(x) = \frac{1}{2}f(x)$$

x	y
0	
1	
-1	
2	
-2	
3	
-3	
4	
-4	
5	
-5	

x	y
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x	y
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Find all values
and then graph
you will get 3 parabolas