Section 5.5: Substituion

(1) In this section, we learn the Substitution Rule for integration commonly referred to as "u-substitution." Give multiple examples of functions you would need to use the chain rule to differentiate as well as their derivatives. Then explain how you could recognize the derivative as a function that would require substitution to find the antiderivative of.

(2) When evaluating an integral, how to you know you need substitution how to do know what is a good candidate for u?

(2)	
(3)	What considerations do you need to make when using substitution on a definite integral?
(4)	Give the definitions of even and odd functions and the corresponding rules for integration. Explain with a sketch.
	Extra Practice in Book: (it is recommended you practice a lot of substitution until you become comfortable with the method) 5.5: basic examples: 1-36, 53-65, more complicated: 38-48, 66-73, 78, 79, 87, 91