1. [13 points] A formula for the function K(x) and a table of values for the odd function A(x) are shown below. The domain of A(x) is all real numbers.

	x				
	A(x)	-2	-6	-10	

- a. [5 points] If possible, evaluate each of the following expressions. If the value does not exist, write DNE; if there is not enough information to determine it, write NEI. No explanations needed; work shown may earn partial credit.
 - If D(x) = A(x) + K(x), then D(10) =______
 - *A*(*K*(1)) = _____
 - *K*⁻¹(-7) = _____
 - *A*(0) = _____
- **b.** [8 points] For each of the following functions, decide if it is *odd*, *even*, or *neither*. Circle one answer for each part. *Show all work for full credit.*
 - (i) K(x)

ODD	EVEN	NEITHER
(ii) $K(x) + A(x)$		
ODD	EVEN	NEITHER
(iii) $A(K(x))$		
ODD	EVEN	NEITHER
(iv) $A(x) \cdot K(x)$		
ODD	EVEN	NEITHER