Continuous and Discrete Functions

Set 4-1b
Determine whether the function is continuous or discrete:

1) $y = -3x + 2$, where x is rational or irrational

2) $H(x) = x$

3) $A(t) = 3t - 4$

4) $F(x) = 2x+1$, where x is all positive numbers

5)   Raquel reads between 15 and 20 hours per week.