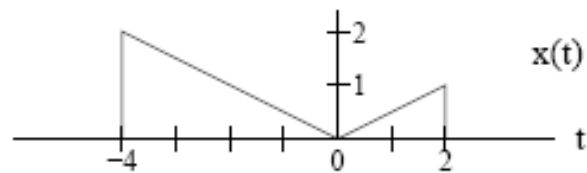# EEE2035F Signals and Systems Quiz: 5 March 2007

Student Number:

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Consider the signal x(t) below:

1. Sketch $y_1(t) = x(t-3)$

2. Sketch $y_2(t) = x(3-t)$

3. Sketch the generalized derivative $y_3(t) = \dfrac{dx(t)}{dt}$

4. Sketch the integrated signal $y_4(t) = \displaystyle\int_{-\infty}^{t} x(\lambda)d\lambda$