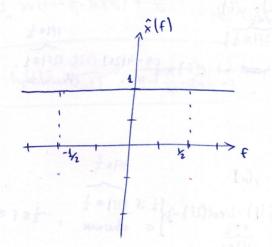
c) $x[n] = x(2n) = sinc^2(\frac{2n}{2}) = sinc^2(n) = y[n] - y[n]$ $y[n] = sinc(n) \Rightarrow \hat{y}(f) = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}$

 $\hat{x}(f) = \hat{y}(f) \times \hat{y}(f) = \hat{x}(f) = \hat{x}(f) + \hat{y}(f) + \hat{y}$



There is aliasing