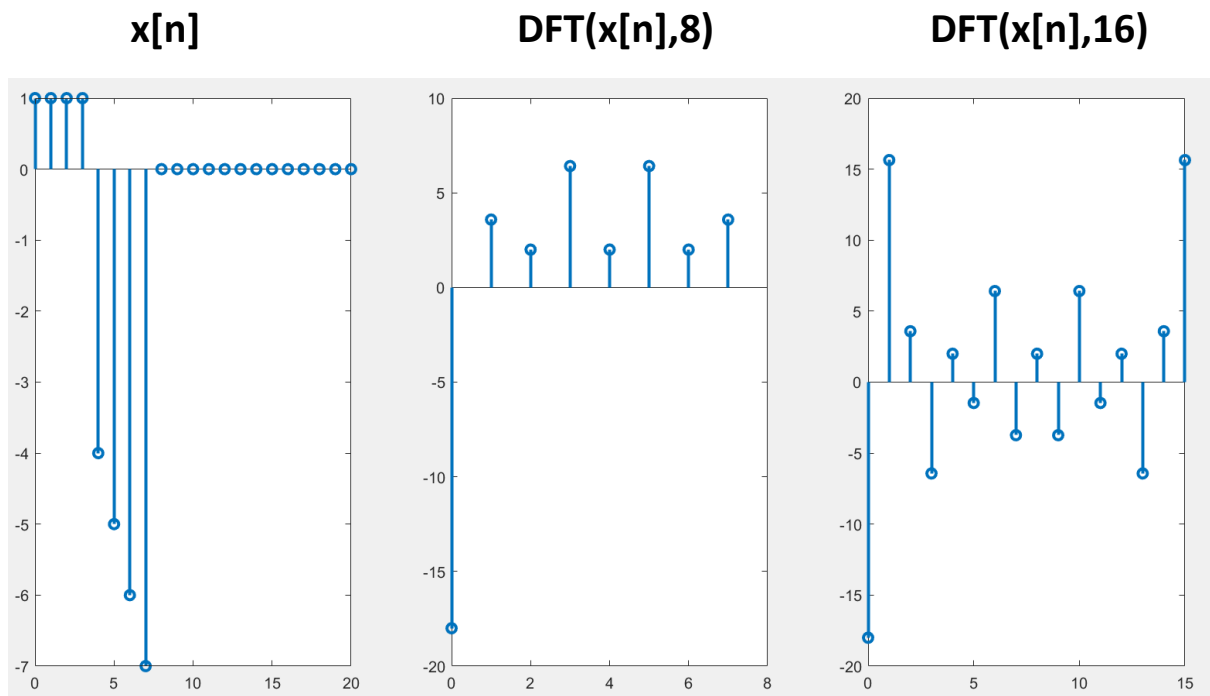


# Graphical Output

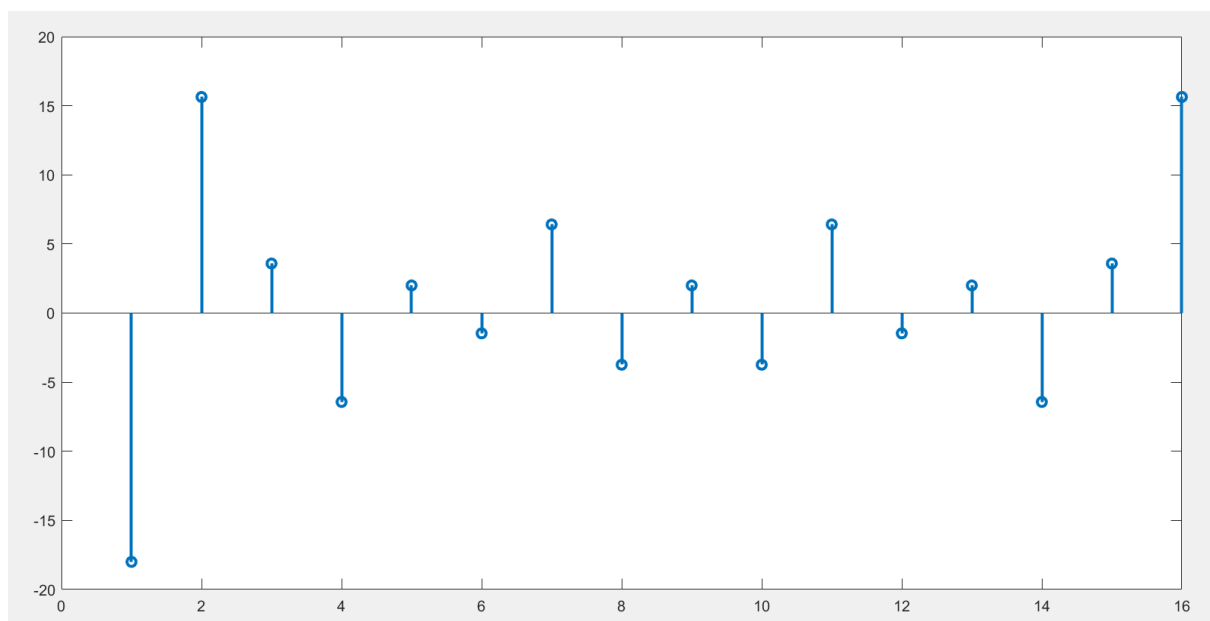
## DFT

Q2)



Q3)

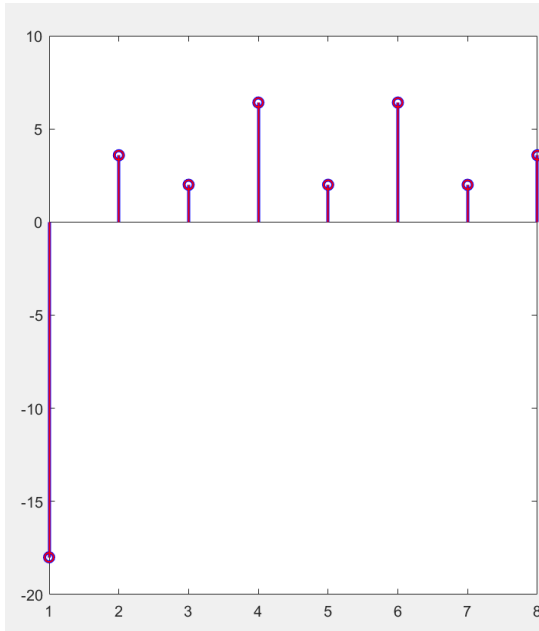
Plot using  $\text{fft}(x[n],16)$



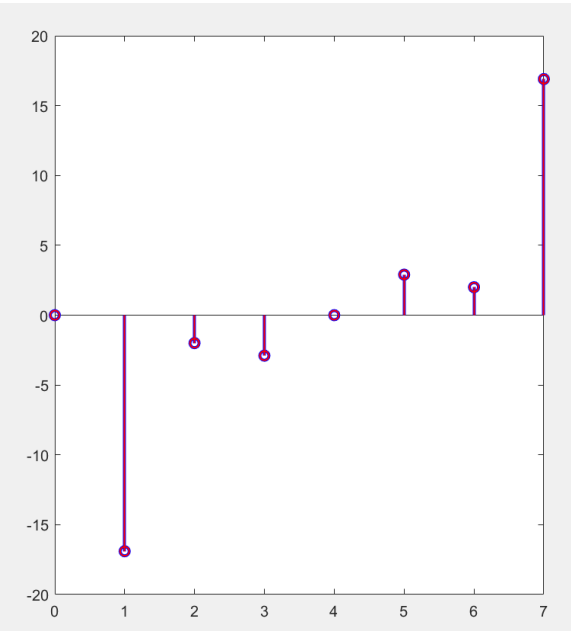
# RELATIONSHIP BETWEEN DFT AND DTFT

Q2)

Real(Xcap)



Imaginary(Xcap)



## INVERSE DFT

Q2)

Reconstructed  $x[n]$  using IDFT() function and ifft()

