1- For a radar array with element spacing d=λ/2d = \lambda/2d=λ/2, what is the largest angular field of view (FoV) it can achieve?
   A) ±45°
   B) ±60°
   C) ±90°
   D) ±120°

2- The angular resolution for a uniform linear array (ULA) with spacing $d = \frac{\lambda}{2}$ and N_{VA} virtual elements, and bandwidth B is given by:
   A) $\frac{\lambda}{2BN_{VA}}$
   B) $\frac{\lambda}{2N_{VA}}$
   C) $\frac{2}{BN_{VA}}$
   D) $\frac{2}{N_{VA}}$

3- The best angular resolution for a ULA is achieved at boresight $\theta = 0°$.
   A) True
   B) False

4- How does increasing the aperture size of a radar antenna affect its angular resolution?
   A) It decreases the angular resolution (worse resolution)
   B) It increases the angular resolution (better resolution)
   C) It has no effect on angular resolution
   D) It only affects the range resolution, not angular resolution