1. Which statement best describes a best response strategy in a Normal Form Game?

   ◯ A best response strategy in a Normal Form Game is the strategy that ensures a player receives the highest possible payoff in the game, irrespective of the actions of other players.

   ◯ A best response strategy in a Normal Form Game is the strategy that guarantees equal payoffs for all players by aligning their actions in a mutually beneficial way.

   ◯ A best response strategy in a Normal Form Game is the strategy that minimizes the payoffs of all other players, regardless of their chosen strategies.

   ◯ A best response strategy in a Normal Form Game is the strategy that maximizes a player's payoff, given the strategies chosen by all other players.

2. Which of the following games is degenerate:

   ◯ $A = \begin{pmatrix} 4 & 3 \\ 4 & 2 \end{pmatrix} \qquad B = \begin{pmatrix} 3 & 7 \\ 6 & 2 \end{pmatrix}$

   ◯ $A = \begin{pmatrix} 4 & 4 \\ 0 & 5 \end{pmatrix} \qquad B = \begin{pmatrix} 3 & 7 \\ -1 & 2 \end{pmatrix}$

   ◯ $A = \begin{pmatrix} 4 & 3 \\ 0 & 5 \end{pmatrix} \qquad B = \begin{pmatrix} 3 & 7 \\ -1 & 2 \end{pmatrix}$

3. Which of the following strategies is a best response to the row strategy $\sigma_r = (1/4, 1/2, 1/4)$ for

$$B = \begin{pmatrix} 5 & 2 \\ 3 & 7 \\ 4 & 12 \end{pmatrix}$$

   :

   ◯ $\sigma_c = (1/4, 3/4)$

   ◯ $\sigma_c = (0, 1)$

   ◯ $\sigma_c = (1/2, 1/2)$