**December 2011 - Dice Game**

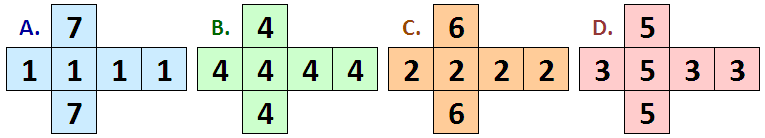


Figure 1 shows four dice with varying numbers on each face.  You and three friends will play a simple game where you will each roll one of the dice and the highest number wins.  You get first pick from the dice.

Question:  Which die should you choose in order to maximize your chance of winning?