



Math Dice Games



Roll two dice. Have the student make the largest number they can. For example, the student rolls a 3 and a 2. The student can make the number 32 as the largest number. How many tens are there? How many ones are there? Repeat the game having the student make the smallest number. You can also play the game rolling three dice and making the largest or smallest number possible.

Roll two dice. Add the numbers. Repeat the game rolling three dice and adding the numbers.

Roll two dice. Multiply the numbers. Roll three dice and multiply the numbers.

Roll two dice. Have the student determine how much larger is one number than the other.

Roll two dice. Have the student determine how much smaller is one number than the other.

Alternate Games With a Partner

Play the games above games with a partner. For example, each person would roll two dice. Add the numbers. Decide before you play whether the person with the largest number or the person with the smallest number wins. You multiply the numbers instead of adding for the intermediate grades.

Each player would roll two dice. Each player would make the largest number they could make. You could also play making the smallest number they could make.

Skunk Subtraction– This is a subtraction game. Each player starts at 50 and has one die. The player rolls the die and subtracts that number from 50. The player keeps rolling the die and continues subtracting for the new total. If the player rolls a 2, that is considered a Skunk and the player has to go back to 50 and start over. To win the game, the final total must be 0. For example, you are at 4. If you roll a 5, you can't subtract the 5 from the 4 so you have to stay at your 4. This game can be played with partners.

Skunk Addition – Play the above the game with each player starting at 0. Each player rolls the die and adds the number to their total. If you roll a 2, you go back to 0 and start again.