4 Dice: Fraction Games

Objective: Adding, Subtracting, Multiplying & Dividing Fractions

Materials: 4 regular 6-sided dice, pencil, paper, calculator
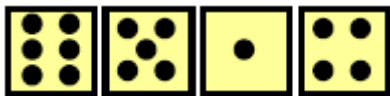
Players: 2 or more players**.**

Rules:

[1] Create the target number: Roll one dice two times to create the target number, the first roll is the denominator and the second is the numerator.
[2] Each player or team rolls 4 dice.
[3] These values are now used to construct an equation with the result equal to the target using the rules stated below.

   Assume we rolled the values shown:

   A. So possible combinations: **6/5 + 4/1 or 1/5 x 4/6 or 6/4 - 1/5**.
   B. The values may be used to create proper and improper fractions.
   C. A number may be used only once unless you roll doubles.
   D. You may use any operation (+, =, x, ÷) **or** decide before hand which operation you are going to use.
   E. **ALL 4 dice must be used**
[3] Players roll the 4 dice for each new target number.
[4] After completing each target, teams or players compare results to see which equation has a value *closest* to the target. The *closest* player scores one point for each target
[5] The team with the greatest point total at the end of the game wins.

Save a tree and download the iTouch/iPhone/iPad App:
http://www.mathfilefoldergames.com/4dice