

Paddy Eger

Up and Down Dice Scramble

Partner
Difficulty Level: Difficult
Math Operations: A, M
Time: 15 minutes

OBJECTIVES: To roll each selected number and add up totals.

MATERIALS:

12 dice to share
game board strip(1 each)
pencil
felt or cork to quiet the rolling dice

BEST USE: Practice adding/multiplying repeating numbers.

RULES:

1. One player begins with **one die**. The other begins with **6 dice**.
2. Both players use a game board strip numbered 1-6. Then begin taking turns rolling.
3. **The person with 1 die**

The player rolls 1 die until rolling a '1' which is written down.

Next he rolls 2 dice, hoping to roll 2 - 2's as quickly as possible. When he has rolled 2 -2's, the player writes down the total next to the number 2 on the paper.

Next the players rolls 3, then 4, then 5, then 6 dice following the same procedure and setting aside the correct number. Now all the numbers are added together for the grand total.

4. **The person with the 6 dice**

This player rolls all 6 at once hoping to roll as many 6's as possible. Each time he rolls a 6, he sets the die aside. When he has rolled 6-6's he write down his total by the number 5.

Next the players rolls for 5, then 4, then 3, then 2, then 1 die following the same procedure and setting aside the correct number. Now all the numbers are added together for the grand total.

5. When both players are finished, they exchange papers and read their partner's numbers aloud. **They should be identical but in reverse order.** If they do not match, both players work to discover the correct answer by rolling the total of the number where they disagreed.

OPTIONS:

Use a timer. Set it for a specific time, such as 4-6 minutes.

Use dice with more than 6 sides and create game board strips to match those numbers.

