

# Paddy Eger

## Pyramid of Diamonds

Individual or Partner  
Difficulty Level: Moderate to Difficult  
Math Operations: A, S, M  
Time: varies

**OBJECTIVES:** To cover every space with a marker before the time ends.

**MATERIALS:** (per person)

3 dice (2 with 6 sides; 1 with more than six sides)  
game board  
paper and pencil

42 markers  
timer to share

**BEST USE:** Practice facts through '21'.

**RULES:**

- Individual play:** Select a math operation and a time limit.  
**For partner play:** Roll one die:
  - Highest number determines the operation to be used.
  - Lowest number determines the length of time to play and rolls first.
- Select and roll 2 dice on each turn. The choice of which two dice to roll may vary on each turn.
- Write down your chosen equation, your solution. Cover the diamond that corresponds to that number.  
Example A: The operation is addition. Roll '6' and '5'. Write down  $6+5=11$ . Cover '11'  
Example B: The operation is subtraction. Roll '6' and '5'. Write down  $6-5=1$ . Cover '1'.  
Note: Numbers 1-6 are shown in triangles but still count in the final total of points.
- You may only cover one diamond on each roll. You may only cover the same diamond twice in one game. If playing partners, trade papers and check each other's work.
- When the time ends, add up the numbers of each covered square. That is your score. If you play as partners, highest score wins.

To simplify the game: Use only 6-sided dice

**OPTIONS:**

Use a variety of dice on each roll.

Add up the numbers on the spaces you've covered when the time runs out (total possible: 230 points)

Allow each player to cover all spaces two times. (maximum total: 460 points)

Play with 1 game board. Try to knock off an opponent's marker (different designs suggested to keep track player who has taken control of the diamond).

Create a game board with higher numbers, only odd, only even numbers, multiples of 5, 6, 7, 8... etc.

