

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.

