PROBABILITY IN A GAME OF PIG

Number of players: 2 or more
Number of dice: 1

1. Decide who will start by whoever has the most letters in their name.
2. Start your turn by rolling one die. If you roll any number than 1 - you can add that number to your total score and have 2 options.
   Stop your turn & keep the points you've added during this turn
   OR
   Roll the die again to try to earn more points

**IF YOU ROLL A 1 - your turn ends without any points (you also lose the points from any previous rolls in your current turn).

3. The first player to reach 100 points wins.

HOW MANY SIDES DOES YOUR DIE HAVE?
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CALCULATE THE PROBABILITY OF YOU ROLLING A 1 ON YOUR DIE

PROBABILITY :   ÷

HOW DOES THE PROBABILITY OF ROLLING A 1 ON YOUR DIE COMPARE TO A 6-SIDED DIE?

HOW DOES THE PROBABILITY OF ROLLING A 1 ON YOUR DIE INFLUENCE PIG GAME PLAY?

LEARN PROBABILITY WITH GAMES

PROBABILITY IS HOW LIKELY SOMETHING WILL HAPPEN. KNOWING THE PROBABILITY OF AN ACTION OR EVENT CAN HELP YOU MAKE DECISIONS WITHIN A GAME.

Probability = Number of desired outcomes ÷ Number of possible outcomes

IF YOU HAVE A 6-SIDED DICE AND YOU WANT TO KNOW HOW LIKELY IT IS YOU WILL ROLL A 1, HERE'S THAT CALCULATION:

Probability = 1 ÷ 6 = 0.167
Multiply 0.167 by 100 to calculate the percentage.
The likelihood of rolling a 1 on a 6-sided is 16.7%

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