Create your own probability Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Explain your situation (who are your characters/what are they doing/what will represent the numbers) minimum 3 sentences

Derek, Fred, and Floop were playing musical chairs. There were 3 of them, 2 chairs, and 2 rounds. When one person was eliminated after the first round a chair would also go, leaving two people and one chair. What’s the probability of Derek winning the game?

1. What is Event A First Round of Musical Chairs
2. What is Event B Second Round of Musical Chairs
3. Theoretical Probability for Event A (fraction)

P (Derek advancing to the next round) $\frac{2}{3}$

1. Theoretical Probability for Event B (fraction)

P (Derek advancing to the next round) $\frac{1}{2}$

Create your own probability Group: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Explain your situation (who are your characters/what are they doing/what will represent the numbers) minimum 3 sentences

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1. What is Event A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is Event B (must depend on the outcome of A) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Theoretical Probability for Event A (fraction)

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1. Theoretical Probability for Event B (fraction)

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