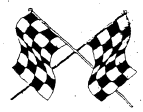
**Probability Grand Prix**

Who will finish first?

SOL 8.12

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Even  Player #1 Start | Finish |  | Odd  Player #2 Start | Finish |
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Directions: Decide who will be Player #1 and Player #2. Each player rolls a die. If the product of the rolls is an even number, player #1 moves one space. If the product of the rolls is an odd number, player #2 moves one space. Continue until one player reaches the finish line.

Think: Before beginning the game, do you think this is a fair game? Explain your answer.

Now, play the game. Describe the results below.

Compare your results with others in your class. What conclusions can you draw?

Was this a fair game? Justify your answer.

How might you change the game so it would be fair?