

## The battle of the conjectures

From what you know now, what is the best strategy for playing Greedy Pig? Why?

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Does everyone in the class agree with you?

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What do you think of the following conjectures? Do either seem reasonable or not? Why?

**Conjecture 1:** A winning strategy is to roll five times in a round and then stop.

**Conjecture 2:** A winning strategy is to keep rolling until you get a total of 20 and then stop.

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Take part in a 'shoot out' between teams using different strategies.

Who do you think will win? Why?

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