

The Game of Pig (Grades 2–8)

Players: Two or more players

Materials: 2 dice

Math concepts: Practice with mental addition and experience with thinking strategically.

The object: to be the first to score 100 points or more.

How to play: Players take turns rolling two dice and following these rules:

1. On a turn, a player may roll the dice as many times as he or she wants, mentally keeping a running total of the sums that come up. When the player stops rolling, he or she records the total and adds it to the scores from previous rounds.
2. But, if a 1 comes up on one of the dice before the player decides to stop rolling, the player scores 0 for that round and it's the next player's turn.
3. Even worse, if a 1 comes up on both dice, not only does the turn end, but the player's entire accumulated total returns to 0. After you've had the chance to play the game a few times, have a discussion about the strategies you used. Then, test the different strategies to try and determine the best way to play.

Score Sheet

Record your final sum for round 1 in the first slot. Then, add on each previous round's sum to the next round's sum.

<u>Rounds</u>	<u>Player 1</u>	<u>Player 2</u>
1		
2		
3		
4		
5		
6		
7		
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