

Pig Addition

Materials:

2 dice, pen or pencil, recording paper

Number of Players:

2 or more players

The Object:

To be the first to score 100 points or more.

Basic Game Directions:

- 1) Two or more players take turns rolling two dice.
- 2) On a turn, you roll both dice as many times as you want, mentally keeping a running total of the sums that come up. Let's say you roll a 4 and 3, then a 6 and a 5. You add those numbers together and get 18. When you stop rolling, you record the total and add it to the scores from previous rounds.
- 3) If a 1 comes up on one of the dice before you decide to stop rolling, you score 0 for that round and it's the next player's turn.
- 4) If a 1 comes up on both dice, not only does the turn end, but your entire accumulated total returns to 0.

Tip: After playing the game, have a discussion about the strategies the players used to decide whether to keep rolling or to stop. You may want to test different strategies against each other to try and determine the best way to play.

Variation:

You may choose to play Pig Multiplication. The object of the game is to be the first player to score 200 or more points. The game is played much like Pig Addition. The only difference is that when a player rolls the dice, he multiplies the two dice to determine the product of the two numbers. On a turn, you roll the dice as many times as you want, mentally keeping a running total of the products that come up. Let's say the first time, you roll $5 \times 6 = 30$, then $4 \times 3 = 12$. You add $30 + 12$ together, and so on. When you stop rolling, you record the total and add it to the scores from previous rounds. The game is played according to the original rules in terms of rolling a 1 or double-1's.

(Adapted from *Instructor*, April 1994)