

ZERO WINS

Objective: Practice subtraction with regrouping

Materials: 3 dice per group of three

Sheet of paper with names of players over columns

Procedures:

1. This is a subtraction game for 2 or 3 players. They need 3 dice. Each player needs a sheet of paper with all the players' names and 999 under each as shown below.
2. Players take turns rolling the 3 dice. Each player should use the three numbers to make a 3 digit number and subtract that number from 999. The others subtract also as a check.

$$\begin{array}{r} \text{Nancy} \\ 999 \\ -532 \\ \hline 467 \\ -211 \\ \hline 256 \end{array}$$

$$\begin{array}{r} \text{Jim} \\ 999 \\ -412 \\ \hline 587 \end{array}$$

$$\begin{array}{r} \text{Bob} \\ 999 \\ -511 \\ \hline 488 \end{array}$$

3. The players continue subtracting, trying to get to zero.
4. The first to zero wins, but they must get zero exactly.
5. At any time, a player may choose to roll 1 or 2 dice, instead of 3. If you can't subtract without getting less than zero because your number left is too small, the next player plays.