

# Salty Eights

## OBJECTIVE

Make ionic compounds and be the first to play all your cards. The compound can be made of any number of cards, but no more than two different elements. **Best two out of three games is the winner!**

1. Shuffle and deal eight cards to each player and place the rest in a draw pile. The player to the left of the dealer starts.
2. When it is your turn, put down a compound in front of you. Your compound must contain a metal and a nonmetal, and the total number of valence electrons must add up to 8 or a multiple of 8. If you can't play a compound, you can put down a noble gas. Record the information for the compound you formed on the score sheet.

**IMPORTANT:** Each team member must check the validity of each compound that is played. Two points will be deducted from the score of **each** team member for every incorrect formula that is recorded on a score sheet.

3. Metal Wild Cards can only be used as a metal and Nonmetal Wild Cards can only be used as a nonmetal.
4. If you can't make a compound, draw cards until you can play a compound or you can play a noble gas. Your turn is now over.
5. Play until one player uses up all of his or her cards. Be sure and fill out the score sheet for each compound you form. Record your total for each game in the column on the right of the sheet and circle your total for the game.
6. Skip a line on the score sheet before you start the next game. Best two out of three games is the winner!

## SCORING

*At the end of the game, count up your score based on the cards you have played.*

- 20 points for using up all cards first
- 5 points for every noble gas card played
- 10 points for every compound made from two cards
- 40 points for every compound made from three cards
- 70 points for every compound made from four cards
- 100 points for every compound made from five cards
- If you have cards left in your hand, count the number of valence electrons on those cards and subtract that number from your total points.

You may record more than one game on the score sheet. At the end of each game, total your score and record it under Point Value as a TOTAL.

Skip a line on the score sheet before you start the next game. Add your Grand Total for all the games at the bottom of the sheet.

