ELECTRON CONFIGURATION BATTLESHIP

Directions:

1. Fold the game sheet along the dashed line. Open the cover of your textbook and insert the game sheet to hide it (like a battle ship board).

2. Add **3** boats horizontally or vertically (by coloring in the chosen squares) to your bottom game sheet:

   2-square-long boat to the s-block elements
   3-square-long boat to the p-block elements
   4-square-long boat to the d-block elements

3. Flip a coin to see who goes first (or who has the closest birthday to today's date)

4. Player 1 chooses an element to attack by saying: the **energy level**, **shape**, and **number of electrons** (ex. $2p^5$) represented by that electron configuration. Do **NOT** say the element names!!!

5. Player 2 then indicates if the move was a "**HIT**" or "**MISS**" on one of their boats. If a HIT occurs, then player 2 must record a "✓" on the appropriate element square (boat).

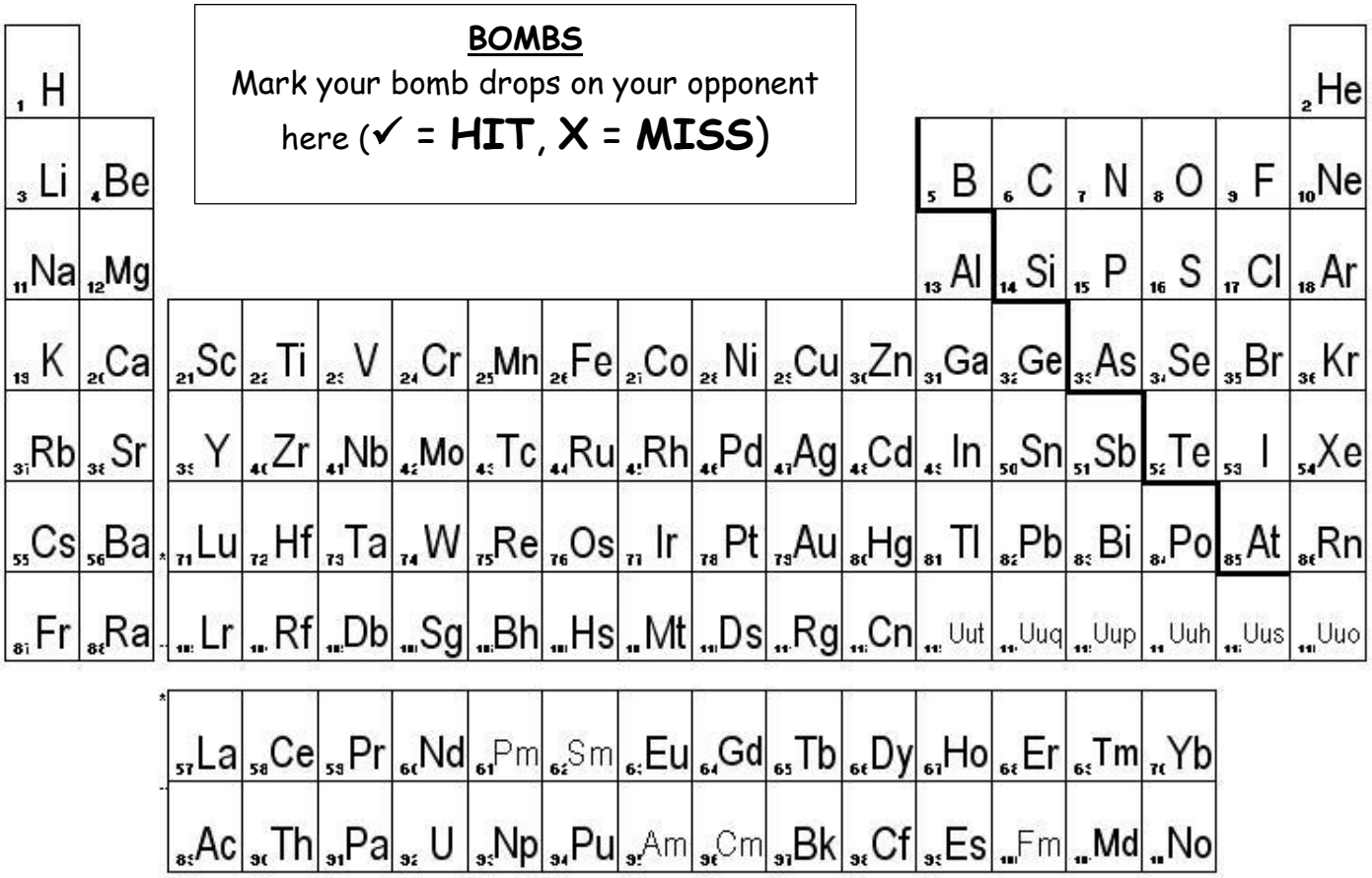
6. Player 1 must also record the result on his/her top game sheet by using a "✓" for a HIT, or an "**X**" for a MISS.

7. Player 2 takes a turn (repeat steps 4-6)

8. The first player to sink all 3 boats **wins**!!!

BOMBS

Mark your bomb drops on your opponent here (✓ = **HIT**, **X** = **MISS**)



BOATS

Color the squares to show the positions of your boats here (s-block = 2 squares, p-block = 3 squares, d-block = 4 squares)