

## Place Value Game

Directions:

1. Play with one partner.
2. Cut out and shuffle the digit cards on the next page (cards numbered 0—9). Turn over 7 cards. Set the other cards aside.
3. Players take turns. Choose one direction card from the list below; that card will be your target goal for round one.
4. After choosing a direction card, each player should use all 7 digits to make a number that best matches the direction card and records his/her work.
5. Discuss strategies and compare numbers to see which one best fits the direction card; that person earns one point.
6. Continue playing until all the direction cards have been used.
7. **Extension:** Turn over 10 cards instead of 7 (~~you will need two sets of digit cards~~) and play again.

### DIRECTION CARDS

Make the **greatest**  
number possible.

Make the **least**  
number possible.

Make the  
**greatest sum.**

Make the **least**  
sum.

Make the **greatest**  
difference.

Make the **least**  
difference.

### EXTENSIONS:

Make the **greatest**  
product.

Make the **least**  
product.

- How are these activities different from learning to say the names and locations of the ones place, thousands place, the millions place, the trillions place, and so on?