DOMINOS GREATER THAN/ LESS THAN

Game Summary

Players take turns selecting one domino from a pile. Players use the numbers on each end of the domino to create a chain of two-digit numbers. In the chain, numbers need to get either progressively smaller or progressively larger. The last player able to add a domino to a chain wins the dominos. The player with the most dominos at the end of the game wins.

Grade Levels (CCSS 1ˢᵗ – 4ᵗʰ)

☆ K-1   ☆ 2-3   ☆ 4-5   6-7

Participation

☆ Whole class   ☆ Small Groups   ☆ 2-player   Individual

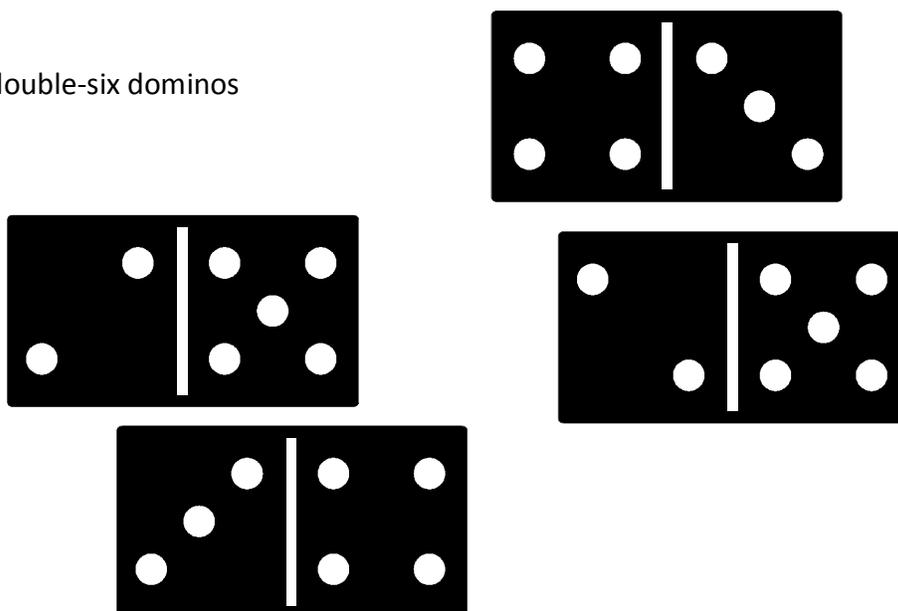## Curriculum Connections

Topic: Comparing whole numbers

- Digits, greater than, less than, tens, ones, place value

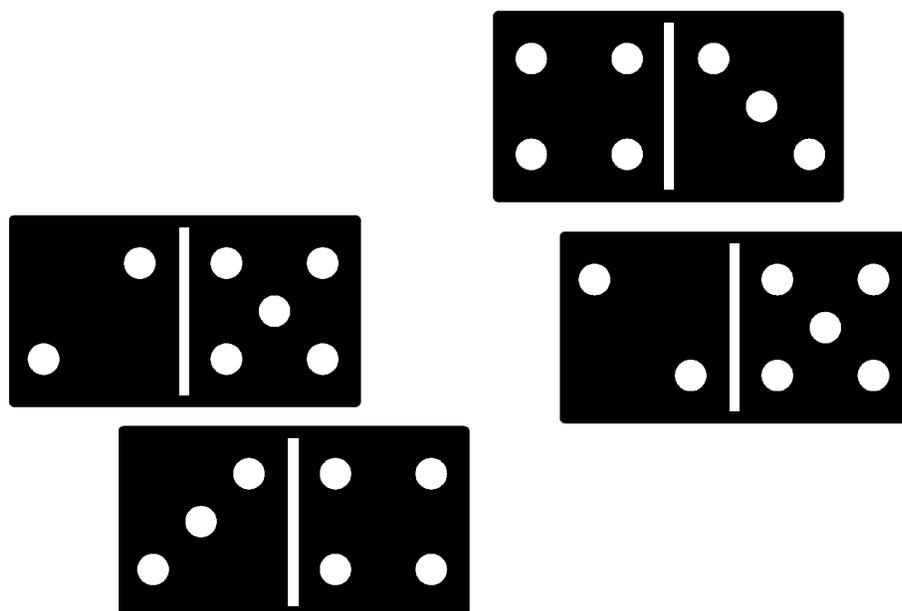## Materials

- One set of double-six dominos

Preparation

None

Core Standards – Dominos Greater Than/Less Than

1.NBT.2. Understand that the two digits of a two-digit number represent amounts of tens and ones.

1.NBT.3. Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols >, =, and <.

2.NBT.1. Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones.

2.NBT.4. Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons.

3.NBT.1. Use place value understanding to round whole numbers to the nearest 10 or 100.

4.NBT.1. Recognize that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.

4.NBT.2. Compare two multi-digit numbers based on meanings of the digits in each place, using >, =, and < symbols to record the results of comparisons.
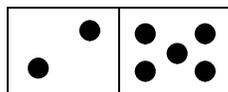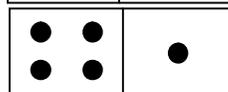
DOMINOS GREATER THAN

1. Place a set of double-six dominos face down in the center of the playing area.
2. The first player selects a domino from the pile.
3. Using each end as a digit, she makes the *smallest* number she can with the domino.
4. The next player draws a domino from the pile.
5. Using each end as a digit, he makes the *smallest* two-digit number he can that is still **Greater Than** the last domino played.
6. He then reads the inequality.

    Example:
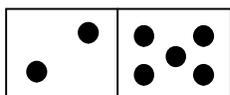
    25 (instead of 52)
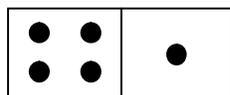
    41 (because 14 isn't greater than 52)
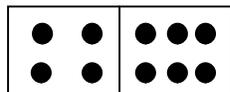
    Player 2 says:
    "41 is greater than 25"

7. When a player draws a domino that will **not** make a number **Greater Than** the last domino played:
    a. The last player to play a **Greater Than** domino in the chain collects all the dominos in the chain. These dominos are the player's points for that round.
    b. The player who selected the domino that would **not** play uses that domino to start the next **Greater Than** chain.
8. Play continues until all the dominos have been used.
9. If the last domino picked from the pile will play in the **Greater Than** chain, then no one gets to add those dominos to his collection.
10. The player who has collected the most dominos wins the game.
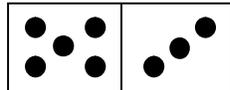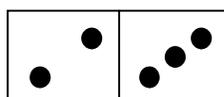
Player 1

Player 2

Player 3

Player 4 collects four dominos (points).

Player 5 can't make a number larger than 53 with this domino, so she starts the next round.
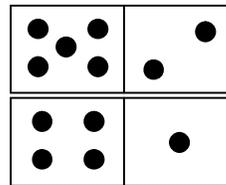
DOMINOS LESS THAN

1. Place a set of double-six dominos face down in the center of the playing area.
2. The first player selects a domino from the pile.
3. Using each end as a digit, she makes the *largest* number she can with the domino.
4. The next player draws a domino from the pile.
5. Using each end as a digit, he makes the *largest* two-digit number he can that is still **Less Than** the last domino played.
6. He then reads the inequality.
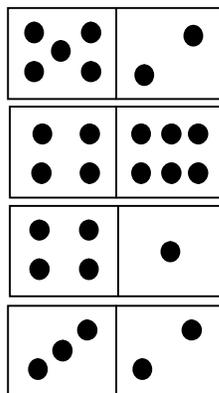   **Example**:

   52 (instead of 25)

   41 (14 is also less than 52 but 41 is the **largest** number they can make that is less than 52)

Player 2 says:
"41 is less than 52"

7. When a player draws a domino that will **not** make a number **Less Than** the last domino played:
   a. The last player to play a **Less Than** domino in the chain collects all the dominos in the chain. These dominos are the player's points for that round.
   b. The player who selected the domino that would **not** play uses that domino to start the next Less Than chain.
8. Play continues until all the dominos have been used.
9. If the last domino picked from the pile will play in the **Less Than** chain, then no one gets to add those dominos to his collection.
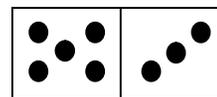10. The player that has collected the most dominos wins the game.

Player

Player

Player

Player 4 collects four dominos (points).

Player 5 can't make a number less than 32 with this domino, so she starts the next round.