**Trash Can Game**

**Materials:**

1 die per student

Recording Sheet

**Objective:**

To create the largest 3-digit number value using 4 rolls of a die.

**Directions:**

1. Roll the die. (Each student will roll a total of 4 times.)
2. Record the number that is rolled somewhere on the recording sheet. The player must decide in which place to record the number; hundreds, tens, ones, or “trash can”. One roll will have to be placed in the trash can. (The “trash can” spot is for a roll that may be too risky.)

*Remember the goal is to make the largest number value using 4 rolls of a die.*

1. Once the player has rolled 4 times, s/he is to record their number in the bottom left corner of the template.
2. Next, the player must decide if the number s/he created has the largest possible value. If so, record the number again or create another number from the 4 rolls and record in the bottom right corner. **If the number does NOT have the largest possible value**, record the largest number value in the bottom right corner.
3. Finally, compare the two numbers in the bottom left and right corners using <, >, or =.

**Trash Can Game Recording Sheet**

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)

**Trash Can Game**

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Trash Can

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My Number ?

(Try to make the number with the largest value.)