

Place Value Toss

This activity is for 2 players.

Goal: Build two and three digit numbers from dice.



6 2 5

You will need:

- Paper (each player should have 6 equal pieces)
- Tape
- Scissors
- Three place value dice (see instructions on the next page)
- Less than sign (<), greater than sign (>), and equal sign (=)

What to do:

- First player rolls the hundreds, tens, and ones dice. Write down the number that was rolled on one of your six slips of paper. For example, if you rolled 5 HUNDREDS, 3 TENS, and 2 ONES the number is 532.
- Next player goes and repeats.
- After both players have their number in front of them, work together to figure out whose number is larger or if the numbers are equal. Place the less/more or equal sign correctly between the two numbers. Whoever has the larger number wins the round and keeps the numbers. After 6 rounds see who has the most numbers.

Alternatives:

- Use three dice from another game. When it is your turn, you can roll the dice together and pick one to be the hundreds, tens, and ones dice.
- Use one dice and roll it three times. The first time for the hundreds digit, then the tens digit, and last roll for the ones digit.
- For children who are comfortable with four digit numbers include the thousands dice/a fourth dice/roll.



There are 2 different templates for each place value.

How to make a Dice

- Print out the page
 - You can also draw and fill in the boxes on a piece of paper.
- Cut the die out along the outside border
- Fold the die along each of the six sides.
- Tape the singular top flap to both of the singular side flaps.
- Fold the two sides of the bottom flap up and tape the inner one to the side flaps.
- Tape the outer bottom flap to the top singular flap and the two sides.















