

Spin, Roll, and Subtract!

Play with a partner.

Materials:

- Spinner
- Open paperclip
- Number cube
- Place-value chart

What to Do

On the spinner, use a pencil point to hold the open paperclip as the pointer.

One player chooses a 6-digit number and records it.

The other player:

- Spins the pointer to see which digit will change.
- Rolls the number cube to see how many 1s, 10s, 100s, or 1000s to subtract.
- Records the subtraction and writes the number in a place-value chart.

Take turns spinning and rolling to build new numbers.

For example:

Rudy chose 215 488 to start.

Emmy spun Hundreds and rolled 1, so she subtracted 100.

Then, Rudy spun Thousands and rolled 4, so he subtracted 4000.

Start: 215 488
$215\,488 - 100 = 215\,388$
$215\,588 - 4000 = 211\,588$