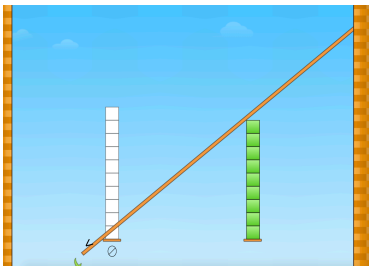
Materials

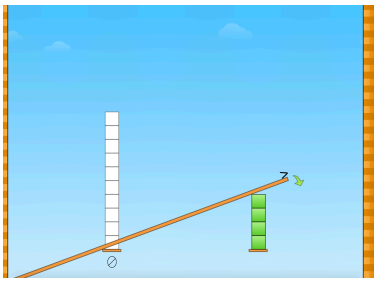
Snap cubes, blocks
number lines (Can use a ruler if that helps students build it out to show the slant for <,> or + =)

Directions



- Give students blocks. Project a puzzle from Level 3. Ask students, "What do you see? How can we get JiJi across the screen?"
- Ask students to use the blocks to show the number being represented by the green tower in the puzzle.

- Ask students, "Do you think we need more or less blocks to get JiJi to parachute? Why? Turn and talk to your neighbor about what you think we need to do and why."
- Have students model possible solutions with the blocks. Choose different solutions and ask students to prove why they think they are correct.represented by the green tower in the puzzle.
- Project and discuss puzzles from Level 4.



Sample Questions

- How tall is the green tower? How do you know? How tall could you make the white tower? Why?
- How did you decide how many blocks to use to build the white tower?
- How do you know the tower you built is more? How do you know it is less?
- Did anyone build a different size tower?
- Is there another correct answer?
- How do we know two towers are equal without counting?

What to look for

How does the student:

- figure out how many blocks are needed? (Do they match up the blocks? Do they count on or count all?)
- explain their solution? (Do they use language like "more than" or "less than"? Are they able to compare the
- number of blocks they selected to the number of blocks given?)
- explain that the block towers are equal? (Do they have to count both towers or do they understand that if the towers are the same height they are equal?)