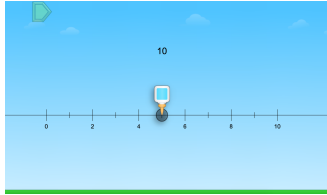


Materials

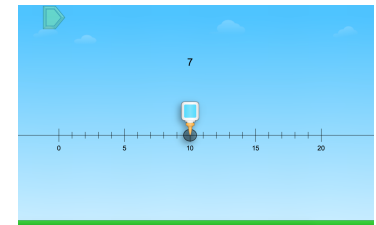
White boards and markers
 snap cubes
 Number Line 0 to 20 (laminated/place in a page protector)



- Show a puzzle from Level 1 and ask students “What do you see? How could we get Jiji across the screen?”
- Ask students, “What do you know about the number in the sky?” Allow a few students to share their thinking with the whole class.
- Ask students, “Where do you think the number goes on this number line? Turn to a neighbor and tell them where you would put the number on the number line and why.”
- Discuss students’ answers as a class. Ask, “How do we know where the number goes if it is not written on the number line?”
- Repeat with the remaining puzzles in Levels 1 and 2.

Directions

- Give students a the number line marked like the number line in Level 4.
- Display a puzzle from Level 4. Have students write the number in the sky on their number line. Have students share their strategies for placing the number on the number line.
- Repeat with the remaining puzzles in Level 4.


Sample Questions

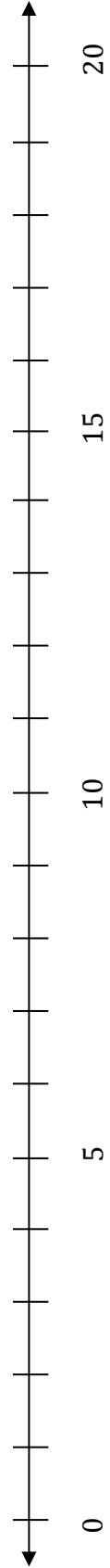
- What do you notice? about the number line in this puzzle?
- What does each tick mark (small lines) represent on this number line?
- What 2 numbers would this number be between?
- What do you notice about the space between each number on the number line?
- Why does the number line have an arrow on each end?

What to look for

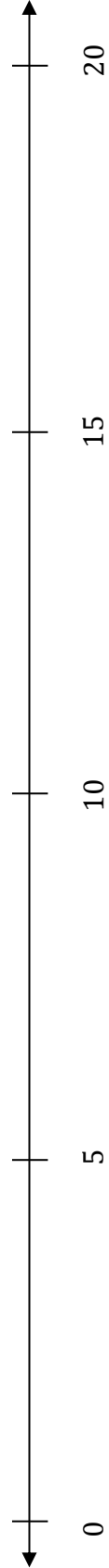
How do students:

- determine where to place a number? (Do they count each tick mark from 0 or do they start at a higher number?)
- understand the space between each tick mark? (Do they see that they are all equal and that each tick mark is one more?)
- understand what happens to the value of numbers as they move from right to left and left to right on the number line?
- compare the number in the sky to the numbers labeled on the number line? (Do they use vocabulary like greater than, less than, one more?)
- explain that a number is still represented on the number line even if it is not labeled?

Number Line 0 to 20



Number Line 0 to 20



Number Line 0 to 20

