# Walking Scale Math The Floor is not a Giant Worksheet

Malke Rosenfeld (@mathinyourfeet) & Max Ray-Riek (@maxmathforum)

NCTM Nashville, November 19, 2015 08:00 AM - 09:15 AM | Music City Center, Room 105

#### 1. Welcome / Introductions

#### 2. Go to the number line

- a. Find a spot
- b. Tape down your name card

### 3. How do you want to move on the number line?

**a.** Notice & Wonder for both actors & observers

## 4. Challenge 1

- a. Create a displacement on a number line without absolute numeric positioning
- **b.** Observe other's work

### 5. Challenge 2

- a. Make a new moving rule
  - i. Observe other's work
  - ii. What did you notice about all the rules that worked?

# 6. Multiply

- a. How will you move to your opposite locations in a coordinated way?
- b. How will you move to double your locations in a coordinated way?
- c. How will you move to double your opposite locations in a coordinated way?

# 7. Wrap-Up

- a. What felt different about the math in this new environment/mode?
  - i. Share in pairs, then to whole group
- b. Takeaways
- c. Questions