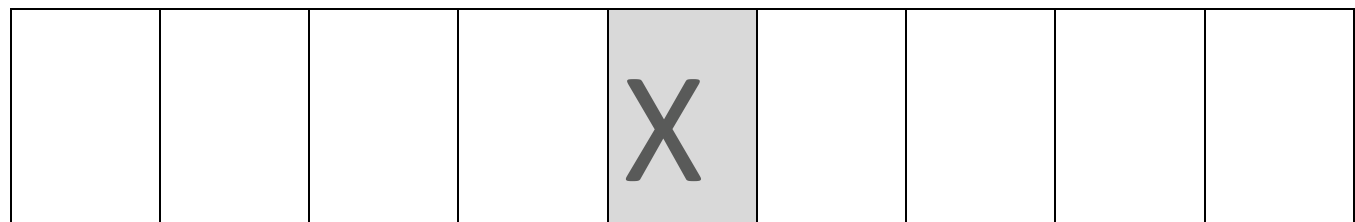


Participant Handout

Connecting the Dots

Leap Frog



Use the fewest number of moves to make the dots switch places, starting with one dot on each side.

Number of Dots on Each Side	Minimum Number of Moves

Equations in Two Variables

What does the graph of an equation in two variables represent?

Inequalities in Two Variables

Nina sells burritos and tacos from a food truck at the farmers market. She sells burritos for \$3.50 each and tacos for \$2.00 each. She hopes to earn at least \$120 at the farmers market this Saturday.

Graphing Functions

$$f(x) = \frac{1}{2}x + 3, \text{ domain } \{-2, 0, 2\}$$

$$g(x) = \frac{1}{2}x + 3, \text{ domain } \{x \text{ is an integer} \mid -5 \leq x \leq 5\}$$

$$h(x) = \frac{1}{2}x + 3, \text{ domain } \{x \mid -5 \leq x \leq 5\}$$

Modeling Data with Functions

In the Leap Frog game, what is the minimum number of moves if there are 10 dots on each side?