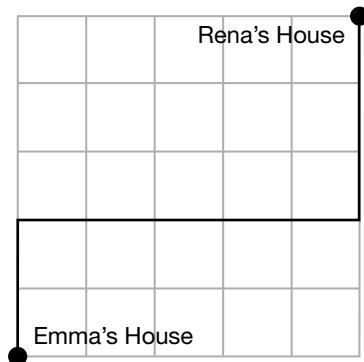


Problem Solving: Solve a Simpler Problem

Read Rena's friend Emma is coming to visit her. Rena made her the map below showing her the way to her house



How far does Emma have to travel to get to Rena's house?

Plan & Solve

First, break the problem into simpler problems.
First problem:
Emma has to travel north before turning east.
How far does she have to travel north?
She has to travel 2 blocks north.

Plan & Solve

Second problem:
Emma has to travel east before turning north.
How far does she have to travel east?
She has to travel 5 blocks east.

Plan & Solve

Third problem:
Emma now has to travel north to arrive at Rena's house.
How far does she have to travel north?
She has to travel 3 blocks north.

Check

I can count the blocks and follow the route to make sure my calculations are correct.

2 blocks north, 5 blocks east, and 3 blocks north will get Emma to Rena's house, Emma travels 10 blocks.

Use the information in the graph above to answer the following problems.

- How many blocks in total does Emma have to travel to get to Rena's house?

- Number Sense** When Emma returns home, explain how she will travel.
