



## Activity: Filling the Room

Pretend your classroom will soon be converted into a storage room. It will be filled with boxes of files because the front-office workers want all their paperwork kept in one spot. Your teacher will show you a sample box.

How many boxes do you think could fit inside the classroom? \_\_\_\_\_

Make a plan to determine how many boxes can fit into the room. List the steps you will take to solve this problem.

Notes for our plan:

Solution and steps we took to solve the problem:



## Practice: How Many Fit?

Kat likes to cook for the whole week on Sunday. She stores her food in 9" x 12" x 4" containers. How many can she stack on one shelf of her refrigerator? The shelf is 30 inches wide, 9 inches high, and 24 inches deep.

Make a sketch and show your work.