

**Labsheet 3.3B**

**Representing Fractions on a Grid Pages 73-74**  
**(Large Lasagna cut into 100 parts)**

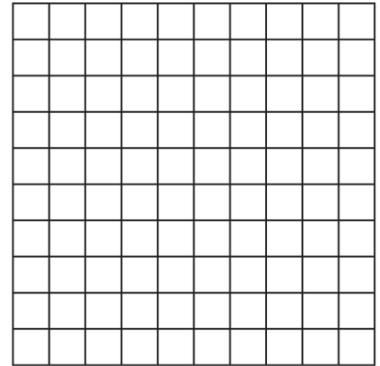
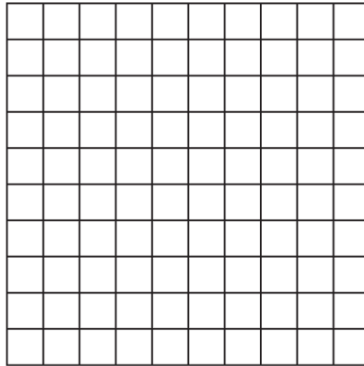
Read and underline the FACTS.

*Wendy's mother Ann makes lasagna every year to celebrate the winter holiday season. She makes the lasagna in an enormous 20 inch –by-20 inch square pan. Ann cuts the lasagna into 100 servings to share with friends, family, neighbors, and co-workers.*

A. Ann gave one pan of lasagna to her ten co-workers.

1. If the co-workers share the lasagna equally, how many servings will each co-worker get? Write each person's share as a fractional and a decimal part of a pan.

FACTS, TO DO, Question:



B. Ann baked three more pans of lasagna. Each pan was shared with a different group of people.

For each group below,

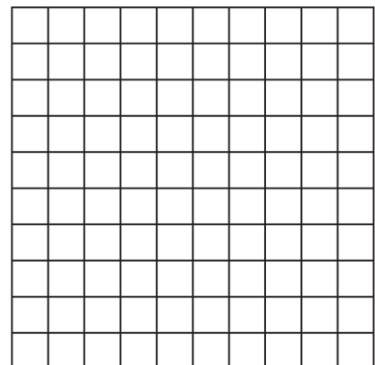
- write each person's share as a number of servings
- write each person's share as a fractional and decimal part of a pan.

FACTS, TO DO

B1. One pan was shared among Wendy's four favorite teachers.

FACTS, TO DO

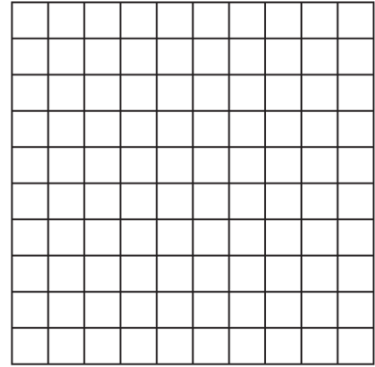
Pan 1



B2. Ann miscalculated and had only one pan to share among all 200 sixth-graders at Wendy's school.

FACTS, TO DO

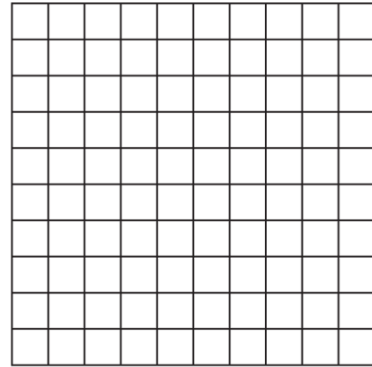
PAN 2



B3. One pan went to eight of Ann's neighbors.

FACTS, TO DO

PAN 3



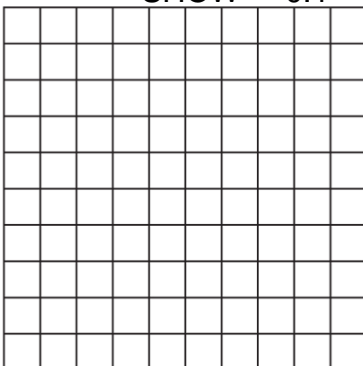
C1. What are all the ways that you could share 100 parts equally?

C2. What are some numbers of people that force Ann to subdivide the 100 servings into smaller pieces?

Explain.

Sonam compared the decimal numbers 0.1 and 0.09 by thinking about lasagna. She said that 0.1 represents one serving of Ann's Lasagna and 0.09 represents 9 servings, so  $0.09 > 0.1$ . What do you think? Show your reasoning.

SHOW 0.1



SHOW 0.09

