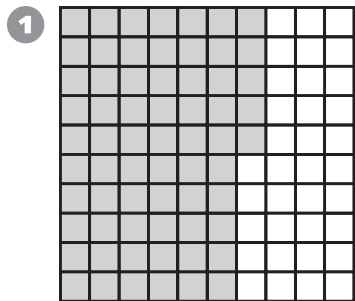


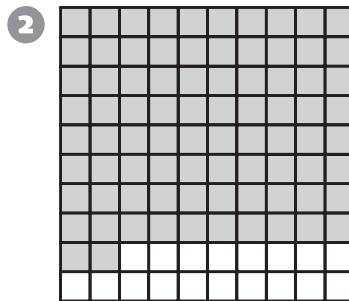
Number and Operations

Write a decimal and a fraction to represent each part of the grid.



Shaded: _____, $\frac{\square}{\square}$

Unshaded: _____, $\frac{\square}{\square}$



Shaded: _____, $\frac{\square}{\square}$

Unshaded: _____, $\frac{\square}{\square}$

Problem Solving

Solve the problem. Explain your answer.

- 3 Rafael has 20 small cubes. Is it possible for him to use all the cubes making stacks so that each stack has exactly one cube more than the stack before it? If so, how can he do it?

- 4 Tonya has exactly 100 small cubes spread out on the table. What are the dimensions of the largest cube she can make using as many of the cubes as possible? How many small cubes will she have used if she makes the largest possible cube?
