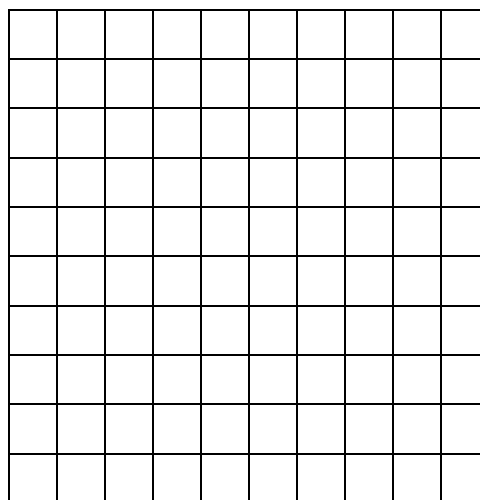
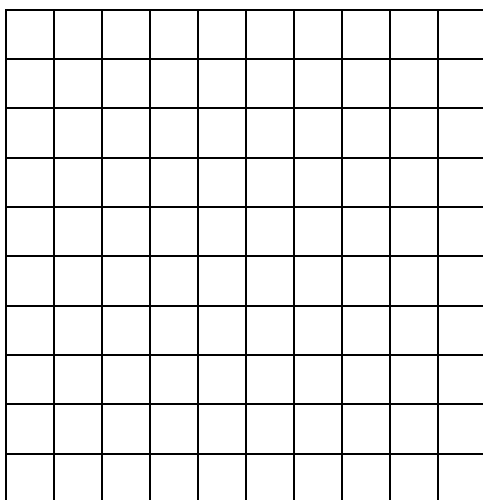




The tag on a diamond ring says 1.684 carats. That is the combined weight of all of the diamonds.

Problem 1: Each of the following 10-by-10 grids represents one. Shade the grids to show 1.684.



Problem 2: How are fractions and decimals alike? How are fractions and decimals different? Discuss your answers and reasoning with another person.

Problem 3: Study the following place value chart. What patterns do you see? Discuss your ideas with another person.

Millions	Hundred-Thousands	Ten-thousands	Thousands	Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths
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Problem 4: Describe how the place value chart is symmetrical.