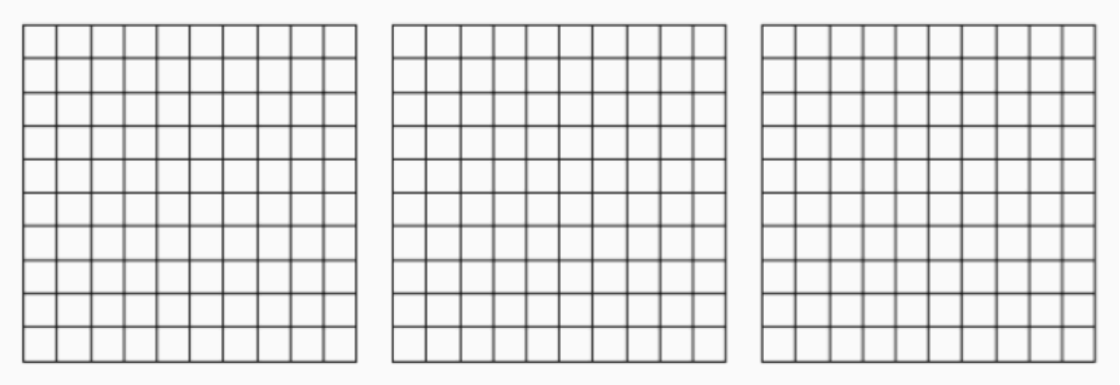
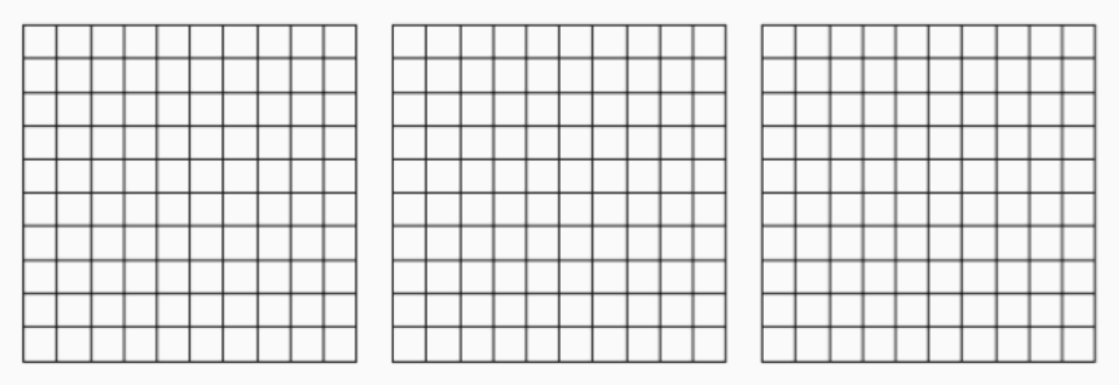
Color in the grids to represent the following fractions:

a. $\frac{30}{100}$ b. $\frac{3}{100}$ c. $\frac{\frac{1}{3}}{100}$



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1. Use the definition of the word *percent* to write each percent as a fraction and then as a decimal.

Percent	Fraction	Decimal
37.5%	37.5/100	0.375
100%		
110%		
1%		
½%		

What do you notice about the pattern of converting percents to fractions?

What do you notice about the pattern of converting percents to decimals?

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2. Order the following numbers from least to greatest:

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25%	I am half of a half. 5 cubic inches of water filled in a 20 cubic inch bottle.
50%	I am less than $\frac{1}{100}$. 25 out of 5,000 contestants won a prize.
30%	I am the chance of birthing a boy or a girl. Flip a coin, and it will land on heads or tails.
1%	I am less than a half but more than one-fourth. 15 out of 50 play drums in a band.
10%	I am equal to 1. 35 question out of 35 questions were answered correctly.
100%	I am more than 1. Instead of the $1,200 expected to be raised, $3,600 was collected for the school's fundraiser.
300%	I am a tenth of a tenth. One penny is this part of one dollar.
$\frac{1}{2}$%	I am less than a fourth but more than a hundredth. $11 out of $110 earned is saved in the bank.

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3. Fill in the chart by converting between fractions, decimals, and percents. Show your work in the space below.

Fraction	Decimal	Percent
1/4		
	1.125	
		40%

4. Using the values from the chart in Problem 2, which is the least and which is the greatest? How do you know?

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