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1 Rico's dad brought home two pizzas that were exactly the same size. The pepperoni pizza was cut into 6 equal pieces. The cheese pizza was cut into 12 equal pieces. Rico's little brother, Luis, ate 2 pieces of pepperoni pizza. His big sister, Carlota, ate 4 pieces of the cheese pizza. Justin started crying because he thought Carlota got more pizza than he did. Carlota said they got exactly the same amount.

a Who was right, Luis or Carlota? _____

b Use labeled sketches, numbers, and words to explain your answer.

2 Vincent says that $\frac{1}{4}$ is bigger than $\frac{1}{3}$ because 4 is more than 3.

a Do you agree with Vincent? _____

b Use labeled sketches, numbers, and words to explain your answer.

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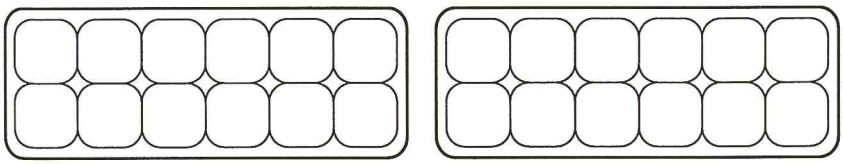
3 Talia says that $\frac{1}{3}$ and $\frac{2}{6}$ are equivalent fractions.

a Do you agree with Talia? _____

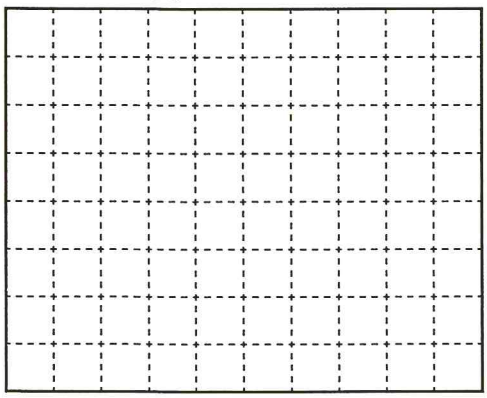
b Use labeled sketches, numbers, and words to explain your answer. (You can use the egg carton diagrams to help if you like.)



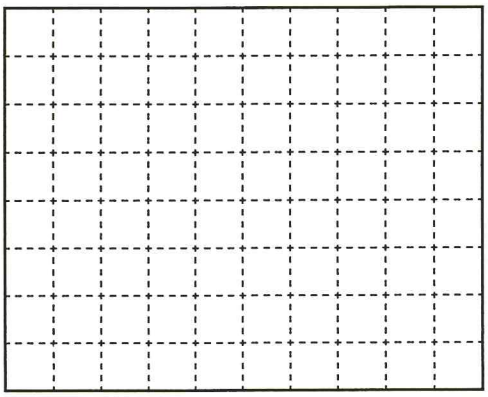
c Name another fraction that is equivalent to $\frac{1}{3}$. _____

4 **CHALLENGE** In a 12-egg carton, $\frac{1}{6}$ equals 2 eggs. Use the grids below to help you imagine and draw cartons where:

a $\frac{1}{6}$ is 3 eggs.



b $\frac{5}{6}$ is 25 eggs.



c How did you decide on the sizes of the cartons for a and b?