### Lesson 3 Practice Problems

1. Each of these is a pair of equivalent ratios. For each pair, explain why they are equivalent ratios or draw a diagram that shows why they are equivalent ratios.
	1. $4:5$ and $8:10$
	2. $18:3$ and $6:1$
	3. $2:7$ and $10,​000:35,​000$
2. Explain why $6:4$ and $18:8$ are not equivalent ratios.
3. Are the ratios $3:6$ and $6:3$ equivalent? Why or why not?
4. This diagram represents 3 batches of light yellow paint. Draw a diagram that represents 1 batch of the same shade of light yellow paint.
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* (From Unit 2, Lesson 2.)
1. In the fruit bowl there are 6 bananas, 4 apples, and 3 oranges.
	1. For every 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, there are 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
	2. The ratio of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is $6:3$.
	3. The ratio of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is 4 to 6.
	4. For every 1 orange, there are \_\_\_\_\_\_ bananas.
* (From Unit 2, Lesson 1.)
1. Write fractions for points $A$ and $B$ on the number line.
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* (From Unit 2, Lesson 1.)



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