Lesson 5 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.

   a. $4 : 5$ and $8 : 10$

   a. $2 : 7$ and $10{,}000 : 35{,}000$

   b. $18 : 3$ and $6 : 1$

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.

   white paint (cups)

   yellow paint (cups)

   (From Unit 2, Lesson 4.)

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5. In the fruit bowl there are 6 bananas, 4 apples, and 3 oranges.

   a. For every 4 _____, there are 3 _____.

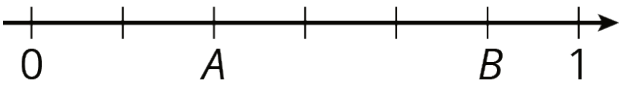
   b. The ratio of _____ to _____ is $6 : 3$.

   c. The ratio of _____ to _____ is 4 to 6.

   d. For every 1 orange, there are _____ bananas.

(From Unit 2, Lesson 1.)

6. Write fractions for points A and B on the number line.



(From Unit 2, Lesson 1.)

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