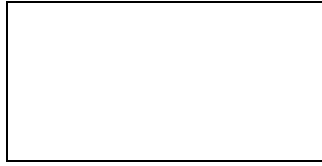


Math 210 - Dr. Miller - Weekly Assessment #11, Spring 2024 - Due in class Thursday, Apr. 25

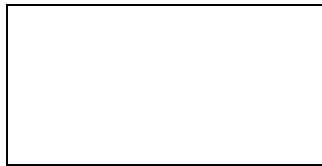
Each WA is worth **10 points** total. Work right on these pages. You can work together or see a tutor, but NEVER copy. This WA is for a grade, so dishonesty or cutting corners may earn a 0 for all involved.

1. *[1.5 pts]* Give three different fractions that all have the same denominator but where one is a unit fraction, one is a proper fraction that's NOT also a unit fraction, and one is an improper fraction. Label which one is which.
2. *[1.5 pts]* Look up the term "multiplicative inverse" in our text, and give an example of two fractions that are multiplicative inverses of each other.
3. *[1.5 pts]* List the three components necessary in the part-of-a-whole meaning of fractions, and state what each component tells us.

4. [2 pts] If the rectangle below is the whole, draw and/or shade a region representing $\frac{5}{3}$. Label clearly to show ALL part-of-a-whole components.



5. [2 pts] Now the rectangle below represents the fraction $\frac{5}{8}$. Draw and/or shade a region representing the whole. Label clearly to show ALL part-of-a-whole components.



6. [1.5 pts] Based on the lesson following Exam #3 (so Tuesday, Apr. 23), use the part-of-a-whole meaning to explain why the denominator of a fraction cannot equal 0.