

Expectations

- Worth 20 points– breakdowns are on each slide.
- If you have a question don't hesitate to email me.
- Open notebook test. No calculators!
- Showing the solution is usually worth the same or more points than the answer.
- Deadline is 11:30am to get extra credit (homework).
- Please print out the assessment and write with paper and pencil and scan back to me. Looking at pictures is very hard to grade.
- I will not except answers on a piece of paper. Print or recreate the whole test.
- Monday - Please have a ruler and a pencil for class.

Cheat Sheet

Mixed Number to Improper Fraction

1. Multiply the whole number times the denominator
2. Add your answer to the numerator
3. Put that number over the denominator

Adding and Subtracting Fractions

1. Are the denominator's the same? If yes, skip to step 4.
2. If not, then we have to find the Least Common Multiple (LCM)
3. Change fractions into equivalent fractions by multiplying.
4. Then we add/subtract the numerators, slide over the denominators.
5. Simplify if needed.

End-of-Module Assessment Task
Standards Addressed

Topics A–D

Use equivalent fractions as a strategy to add and subtract fractions.

- 5.NF.1** Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. *For example, $\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}$. (In general, $\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}$.)*
- 5.NF.2** Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. *For example, recognize an incorrect result $\frac{2}{5} + \frac{1}{2} = \frac{3}{7}$, by observing that $\frac{3}{7} < \frac{1}{2}$.*