**Let’s Be Rational Investigation 4.1 Homework-Addition and Subtraction Fact Families**

For #1-3, write the ENTIRE fact family for each problem.

1. $\frac{1}{8}+\frac{4}{8}=\frac{5}{8}$ 2. $\frac{9}{12}-\frac{5}{12}=\frac{4}{12}$ 3. $2\frac{1}{4}+3\frac{2}{4}=5\frac{3}{4}$

For #4-6, write the ENTIRE fact family AND use the correct fact to SOLVE for *N*. SHOW ALL WORK and/or THINKING!!!

4. $\frac{1}{8}+N=\frac{5}{8}$ 5. $N-\frac{1}{4}=\frac{5}{8}$ 6. $4\frac{3}{4}-N=2\frac{1}{2}$

For #7-12, use what you know about fact families to solve for *N.* SHOW ALL WORK and/or THINKING!!!

7. $\frac{4}{5}-N=\frac{1}{2}$ 8. $\frac{1}{8}+N=\frac{13}{24}$ 9. $4\frac{1}{3}-N=1\frac{5}{6}$

10. $2\frac{3}{4}+N=5\frac{19}{20}$ 11. $4\frac{1}{6}+2\frac{3}{4}=N$ 12. $N-6\frac{1}{3}=19\frac{5}{24}$