

8.5A

Kuta Software - Infinite Algebra 2

Name _____

Adding/Subtracting Rational Expressions

Date _____ Period _____

Simplify each expression.

1) $\frac{u-v}{8v} + \frac{6u-3v}{8v}$

2) $\frac{m-3n}{6m^3n} - \frac{m+3n}{6m^3n}$

3) $\frac{5}{a^2+3a+2} + \frac{5a+1}{a^2+3a+2}$

4) $\frac{5}{10n^2+16n+6} + \frac{n-6}{10n^2+16n+6}$

5) $\frac{r+6}{3r-6} + \frac{r+1}{3r-6}$

6) $\frac{x+2}{2x^2+13x+20} - \frac{x+3}{2x^2+13x+20}$