

Name : _____ Score : _____

Teacher : _____ Date : _____

Adding and Subtracting Rational Expressions

Add or Subtract the two expressions in each problem.

1) $\frac{6z}{8} - \frac{7z-4}{2z-9}$

6) $\frac{-9}{y^2-3y+2} - \frac{y+3}{y^2-3y+2}$

2) $\frac{8q}{3q+2} - \frac{5}{6q-8}$

7) $\frac{7h+8}{h^2-6h-16} - \frac{6h}{4h}$

3) $\frac{7k^4+6n^4}{2k^8} - \frac{3k^4-8n^4}{2k^8}$

8) $\frac{5s}{2} - \frac{4s+5}{3s+6}$

4) $\frac{2d^2+7}{6d^4+4} - \frac{3d^2}{6d^4+4}$

9) $-9 - \frac{x-3}{x^2+x-6}$

5) $\frac{2}{g^2+4g-12} - \frac{g+3}{g^2+4g-12}$

10) $\frac{8n^2+8k^2}{7n^2k^2} - \frac{8n^2+5k^2}{7n^2k^2}$

