Name : _____ Score : _____

Teacher : _____ Date : _____

Adding and Subtracting Rational Expressions

Add or Subtract the two expressions in each problem.

1) $\frac{5d - 3n}{7d^4n^4} - \frac{5d + 5n}{7d^4n^4}$

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

3) $\frac{7h^2 - 8}{2h^3 - 4h^2} - \frac{8h^2 - 4}{2h^3 - 4h^2}$

4) $\frac{6c^2 + 9}{7c^2 - 8} - \frac{2c}{7c^2 - 8}$

5) $\frac{8s}{7} - \frac{6s + 2}{3s -$

6) $\frac{5q}{4q + 3} - \frac{3}{8q + 7}$

7) $\frac{7p^2 - 4q^2}{8p^4q^4} - \frac{7p^2 - 3q^2}{8p^4q^4}$

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

9) $\frac{3b^2 + 2}{6b^3 - 8b^2} - \frac{2b^2 + 8}{6b^3 - 8b^2}$

10) $\frac{7z^2 - 3}{\quad} - \frac{8z}{\quad}$