

Subtracting Rational Expressions

Date _____ Period _____

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Simplify each expression.

1) $\frac{6}{3} - \frac{6}{3p^2 + 12p}$

2) $\frac{2}{a+2} - \frac{6}{a-1}$

3) $\frac{5}{3n} - \frac{5n}{15n-3}$

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

5) $\frac{6m}{2m} - \frac{5m-5}{2m^2-10m}$

6) $\frac{r-5}{4r+1} - \frac{5r}{4r}$

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

8) $\frac{6}{3x} - \frac{3x}{3x-4}$

9) $\frac{6n}{n-2} - \frac{4}{n+5}$

10) $\frac{2b+1}{b-2} - \frac{3b}{2}$