

HW 9-2 Adding/Subtracting Rationals

Period _____

Find the least common denominator (LCD) for each expression.

1) $\frac{4m}{6n} + \frac{5m}{2n}$

2) $\frac{6b}{2} - \frac{2a}{5b^3}$

3) $\frac{5m}{2n^2} - \frac{m+6n}{4}$

4) $\frac{2u}{4} - \frac{2}{4uv}$

Simplify each expression.

5) $\frac{4}{2} + \frac{5}{5m}$

6) $\frac{4y}{3y^2} + \frac{5}{4}$

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

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

9) $\frac{3r}{r+1} + \frac{2}{r+5}$

10) $\frac{6}{5} + \frac{5}{b-3}$

11) $\frac{3}{x+3} - \frac{2}{5}$

12) $\frac{6}{a+5} - \frac{6a}{a+3}$