

$$15) \frac{7n}{n+1} + \frac{8}{n-7}$$

$$16) \frac{2}{n+8} + \frac{4}{n+1}$$

$$17) \frac{3}{8} - \frac{3}{3x+4}$$

$$18) \frac{3}{b-8} + \frac{7}{b+3}$$

$$19) \frac{3}{x+6} + \frac{7}{x-2}$$

$$20) \frac{4}{x+1} - \frac{2}{x+2}$$

$$21) \frac{5n+5}{5n^2+35n-40} + \frac{7n}{3n}$$

$$22) \frac{3}{n-5} + \frac{6}{3n-8}$$

$$23) \frac{\frac{25}{4}}{\frac{1}{5} - \frac{4}{25}}$$

$$24) \frac{\frac{8}{4}}{\frac{16}{9}}$$

$$25) \frac{\frac{a}{25} - \frac{a}{5}}{a}$$

$$26) \frac{\frac{5}{4}}{\frac{5}{m} - \frac{4}{m}}$$

Critical thinking questions:

$$27) \text{ Simplify: } \frac{a}{b} + \frac{c}{d}$$

28) Split into a sum of two rational expressions with unlike denominators:

$$\frac{2x+3}{x^2+3x+2}$$