$$\frac{\frac{1}{2}x^2 + \frac{1}{8}x}{\frac{1}{3}x + \frac{1}{12}}$$

$$\frac{x^2 + 10x + 25}{x^2 - 25} =$$

$$\frac{x^3 + 6x^2 + 12x + 8}{x^3 + 4x^2 + 4x} =$$

$$\frac{\left[\dfrac{2x^2 + 1}{3x^2} - \dfrac{2x + 1}{4x^2 - 1} \cdot \dfrac{4x^2 - 4x + 1}{3x}\right]}{\dfrac{x^2 + 2x + 1}{9x^3}}$$

$$\frac{\left(\dfrac{1}{y} + \dfrac{2}{1-y} + \dfrac{1}{1+y} - \dfrac{3}{1-y^2}\right)\cdot}{\left(\dfrac{1}{y+y^2}\right)}$$

$$\frac{\dfrac{\dfrac{2x^2 - 18x + 28}{3x^2 + 6x - 24} \cdot \dfrac{3x^3 + 6x^2 - 24x}{x^2 + 5x - 6}}{\dfrac{4x^2 - 36x + 56}{2x^2 + 10x - 12}}}{\dfrac{\dfrac{x^2 - 8x + 16}{x^3 - 27} \cdot \dfrac{x^4 - 27x}{3x^3 - 24x^2 + 48x}}{\dfrac{x - 5}{3x^2 - 15x}}}$$