$$\frac{(\frac{1}{4}x^3 + x^2 - \frac{1}{4}x - 1)}{(\frac{1}{4}x^3 + \frac{1}{4}x^2)} = \frac{1}{4}x^2 + \frac{3}{4}x - 1$$

$$\frac{-(\frac{1}{4}x^3 + \frac{1}{4}x^2)}{(\frac{3}{4}x^2 - \frac{1}{4}x)} = \frac{1}{4}x - 1$$

$$\frac{-(\frac{3}{4}x^2 + \frac{3}{4}x)}{(-x - 1)} = \frac{-(-x - 1)}{0}$$

$$\frac{(\frac{2}{3}x^3 - \frac{1}{3}x^2 - \frac{2}{3}x + \frac{1}{3})}{(-\frac{2}{3}x^3 + \frac{2}{3}x^2)} = \frac{2}{3}x^2 - x + \frac{1}{3}$$

$$\frac{-(\frac{2}{3}x^3 + \frac{2}{3}x^2)}{(-x^2 - \frac{2}{3}x)} = \frac{-(-x^2 - x)}{(\frac{1}{3}x + \frac{1}{3})}$$

$$\frac{-(\frac{1}{3}x + \frac{1}{3})}{0}$$

$$\frac{(\frac{2}{3}x^3 - \frac{1}{3}x^2 - \frac{2}{3}x + \frac{1}{3})}{(-\frac{2}{3}x^3 + \frac{2}{3}x^2)} = \frac{2}{3}x^2 - x + \frac{1}{3}$$

$$\frac{-(\frac{2}{3}x^3 + \frac{2}{3}x^2)}{(-x^2 - \frac{2}{3}x)} = \frac{-(-x^2 - x)}{(\frac{1}{3}x + \frac{1}{3})}$$

$$\frac{-(\frac{1}{3}x + \frac{1}{3})}{0}$$

$$(x^{3} - x) : (x - 1) = (x^{3} + 0x^{2} - x) : (x - 1)$$

$$(x^{3} + 0x^{2} - x) : (x - 1) = x^{2} + x$$

$$\frac{-(x^{3} - x^{2})}{(x^{2}} - x)$$

$$\frac{-(x^{2} - x)}{0}$$

$$(4x^{3} - 3x + 1) : (x + 1)$$

$$(4x^{3} + 0x^{2} - 3x + 1) : (x + 1) = 4x^{2} - 4x + 1$$

$$\frac{-(4x^{3} + 4x^{2})}{(-4x^{2} - 3x)}$$

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

$$\frac{-(x + 1)}{0}$$

$$(x^{3} + 6x^{2} - 32) : (x - 2)$$

$$(x^{3} + 6x^{2} + 0x - 32) : (x - 2) = x^{2} + 8x + 16$$

$$-(x^{3} - 2x^{2}) = (8x^{2} + 0x)$$

$$-(8x^{2} - 16x) = (16x - 32)$$

$$-(16x - 32) = 0$$