$$x^{3} + 5x^{2} + 8x + 4 \overline{\smash{\big)}\ \frac{4}{4x^{3} + 23x^{2} + 45x + 27}} \\ \underline{4x^{3} + 20x^{2} + 32x + 16} \\ 3x^{2} + 13x + 11}$$