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$$\frac{x(1+2x)^4 + (1-2x)^5 + x^2}{4+4x+x^2 - 4+4x-x^2} = \frac{x(1+2x)^4 + (1-2x)^5 + x^2}{8x}$$

$(1+2x)^4$ nay x^2 le paxil eoni

$$T_{k+1} = \binom{4}{k} 1^{4-k} (2x)^k \rightarrow k=2, T_3 = \binom{4}{2} 4x^2 = 24x^2$$

$(1+2x)^5$ nay x^3 le paxil eoni

$$T_{l+1} = \binom{5}{l} 1^{5-l} (-2x)^l \rightarrow l=3, T_4 = \binom{5}{3} (-2x)^3 = -80x^3$$

$$\frac{24-80}{8} = \textcircled{-7} \text{ jhax oio, (x } \rightarrow \text{ paxilay paxil paxil)}$$