Generated by Knoty computer algebra system: https://github.com/vuphan314/Knotty

$$T2 = x^{2} - 2$$

$$T3 = x(x^{2} - 2) - x$$

$$T4 = -x^{2} + x(x(x^{2} - 2) - x) + 2$$

$$T5 = -x(x^{2} - 2) + x(-x^{2} + x(x(x^{2} - 2) - x) + 2) + x$$