# CURVE SKETCHING: CUSPS, VERTICAL TANGENTS, ASYMPTOTES [SST 4.4]

**EX 4.4.1:** Formally sketch the curve: $\qquad f(x) = \sqrt[3]{x}$

**EX 4.4.2:** Formally sketch the curve: $\qquad f(x) = x^{2/3}$

**EX 4.4.3:** Formally sketch the curve: $f(x) = \dfrac{1}{x}$

**EX 4.4.4:** Formally sketch the curve: $f(x) =$????