**C12**

**Absolute Value Function**

Graph and check your work using Desmos:

1. $f(x)=\left|x^{2}-1\right|$
2. $f(x)=-\left|3x+5\right|$
3. $f(x)=\left|x^{3}\right|-2$
4. $f\left(x\right)=-\left|\left(x-5\right)^{2}+4\right|$+5