

C12

## Absolute Value Function

Graph and check your work using Desmos:

1.  $f(x) = |x^2 - 1|$

2.  $f(x) = -|3x + 5|$

3.  $f(x) = |x^3| - 2$

4.  $f(x) = -|(x - 5)^2 + 4| + 5$