1. y = 2x3 − x

A graph of a function

Description automatically generated

2. y = x3 − 4x

A graph on a graph paper

Description automatically generated

3. x − y2 = 1

A graph of a function

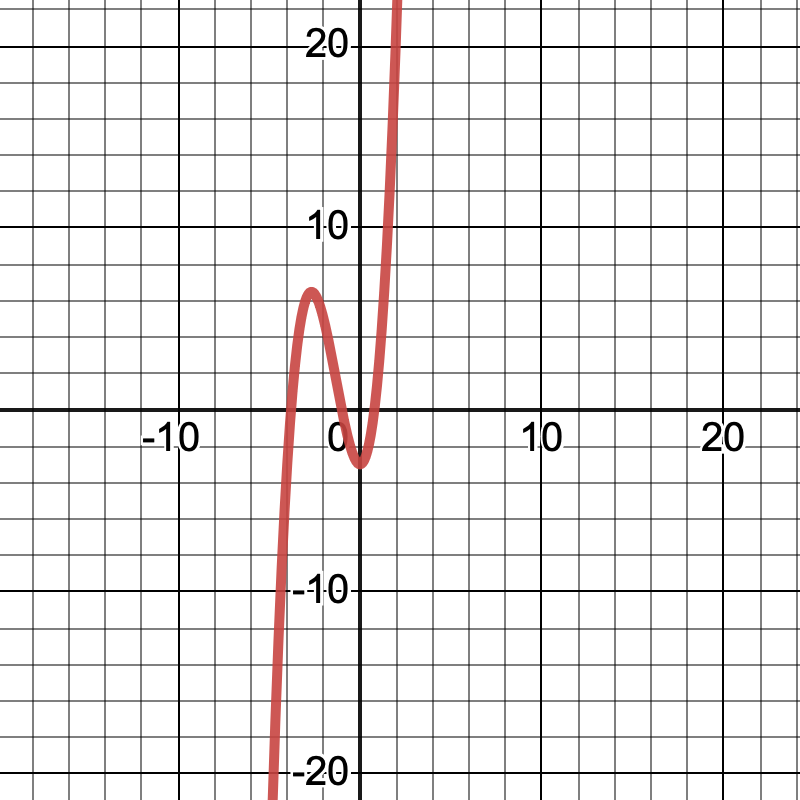
Description automatically generated

4. y=|x|+|x−16|

A graph of a parabola

Description automatically generated

5. y = x3 + 4x2 − 3



6. y=cos(πx)+9

A graphing of a spiral

Description automatically generated

7.

Mean(x\_1) = 17.5

Min(x\_1) = 5

Max(x\_1) = 30

Sample Standard Deviation(x\_1) = 9.35

Population Standard Deviation(x\_1) = 8.54

Mean(y\_1) = 67.33

Min(y\_1) = 43

Max(y\_1) = 85

Sample Standard Deviation(y\_1) = 16.57

Population Standard Deviation(y\_1) = 15.13

Correlation Coefficient; r = -0.35