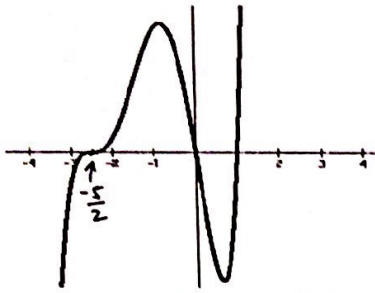


I. Find the requested information for each graph. *Give equations in factored form*

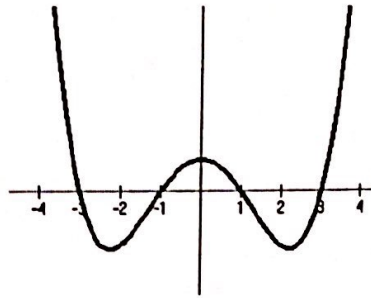
1.



End Behavior: $x \rightarrow -\infty, y \rightarrow -\infty$
 $x \rightarrow \infty, y \rightarrow \infty$
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

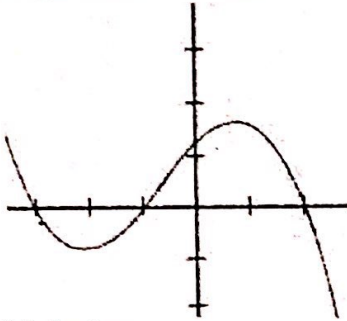
2.



End Behavior: _____
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

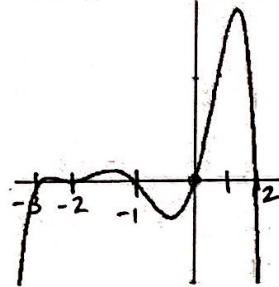
3.



End Behavior: _____
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

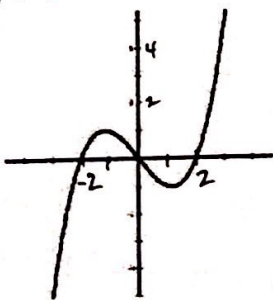
4.



End Behavior: _____
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

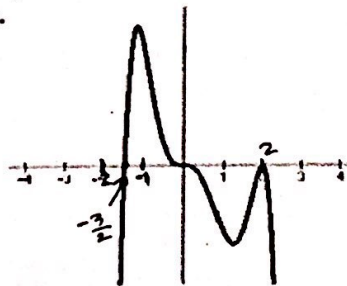
5.



End Behavior: _____
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

6.



End Behavior: _____
 Even or Odd Degree? _____
 + or - Leading Coeff.: _____

Eqn. _____

from
form

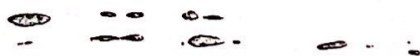
1. $P(x) = x^2(x-2)(x+2)$ degree _____
LC _____

a. x-intercept(s): _____

b. y-intercept: _____

c. End Behavior: _____

d. Behavior at the zeros (bounce/cross):



2. $P(x) = (x-1)(x+3)^4$ degree _____
LC _____

a. x-intercept(s): _____

b. y-intercept: _____

c. End Behavior: _____

d. Behavior at the zeros:

3. $y = -3(x+1)(x-3)^2(x+2)$ deg _____
LC _____

a. x-intercept(s): _____

b. y-intercept: _____

c. End Behavior: _____

d. Behavior at the zeros:

4. $y = -(x-6)^2(x-4)(x-1)^3$ deg _____
LC _____

a. x-intercept(s): _____

b. y-intercept: _____

c. End Behavior: _____

d. Behavior at the zeros:

