

HW set PC 1-3

① Local Min: $(0.937, -42.031)$

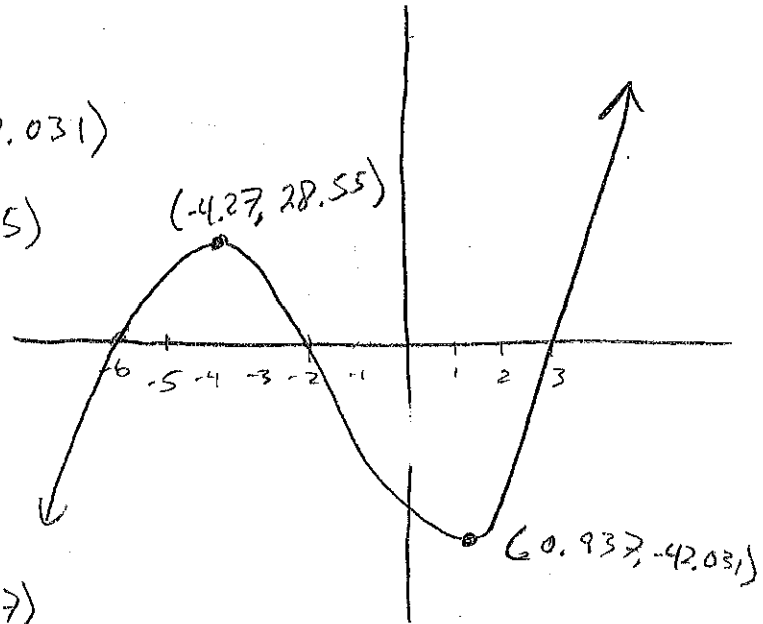
Local Max: $(-4.27, 28.55)$

Abs Max: N/A

Abs Min: N/A

Concave UP: $(-1.667, \infty)$

Concave Down: $(-\infty, -1.667)$



② Local Min: $(-4.194, -40.392)$

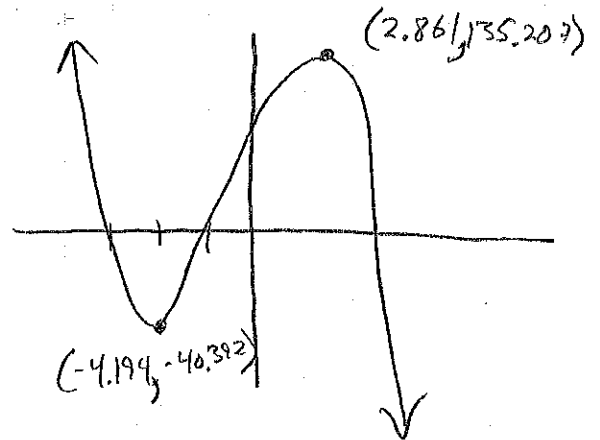
Local Max: $(2.861, 135.207)$

Abs Min: N/A

Abs Max: N/A

Concave UP: $(\infty, -0.667)$

Concave Down: $(-0.667, \infty)$



③ Local Min $(-0.972, -35.028)$

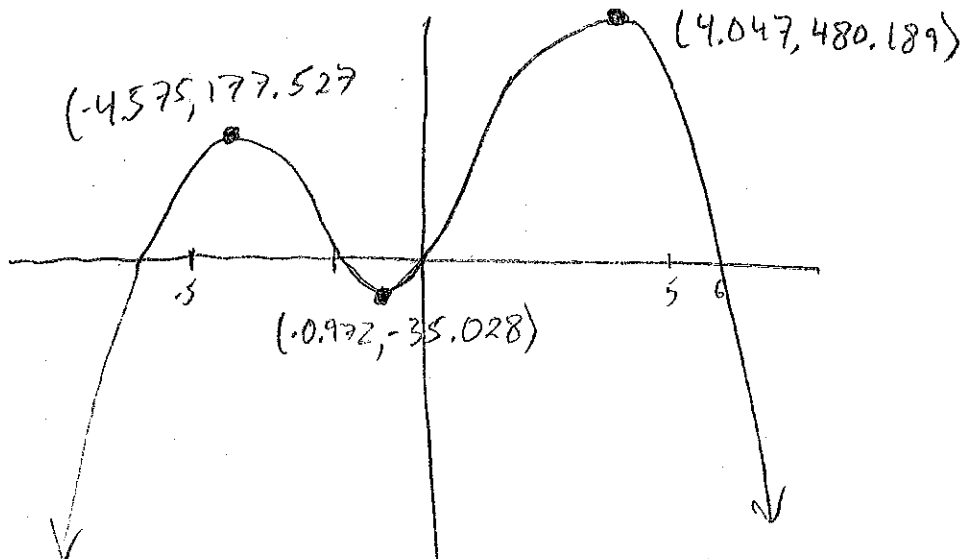
Local Max $(-4.575, 177.527)$ AND $(4.047, 480.189)$

Abs Min N/A

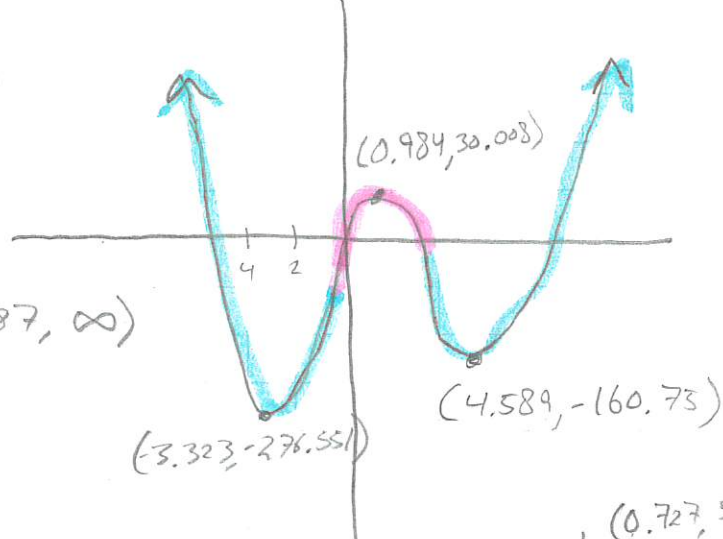
Abs Max $(4.047, 480.189)$

Concave UP $(-2.774, 1.538)$

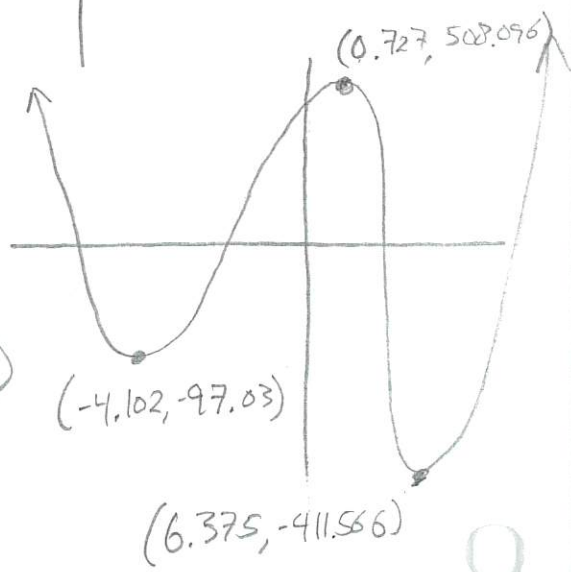
Concave Down $(-\infty, -2.774) \cup (1.538, \infty)$



- ④ Local Min: $(-3.323, -276.551)$
 $(4.589, -160.75)$
 Local Max: $(0.984, 30.008)$
 Abs Min: $(-3.323, -276.551)$
 Abs Max: N/A
 Concave Up: $(-\infty, -1.17) \cup (2.787, \infty)$
 Concave Down: $(-1.17, 2.787)$



- ⑤ Local Min: $(-4.102, -97.03)$
 $(6.375, -411.566)$
 Local Max: $(0.727, 508.096)$
 Abs Min: $(6.375, -411.566)$
 Abs Max: N/A
 Concave Up: $(-\infty, -1.688) \cup (3.551, \infty)$
 Concave Down: $(-1.688, 3.551)$



- ⑥ Local Min: $(0.79, -361.886)$
 Local Max: $(-3.528, 19.752)$
 $(5.738, 186.634)$
 Abs Min: N/A
 Abs Max: $(5.738, 186.634)$
 Concave Up: $(-1.369, 3.264)$
 Concave Down: $(-\infty, -1.369) \cup (3.264, \infty)$

