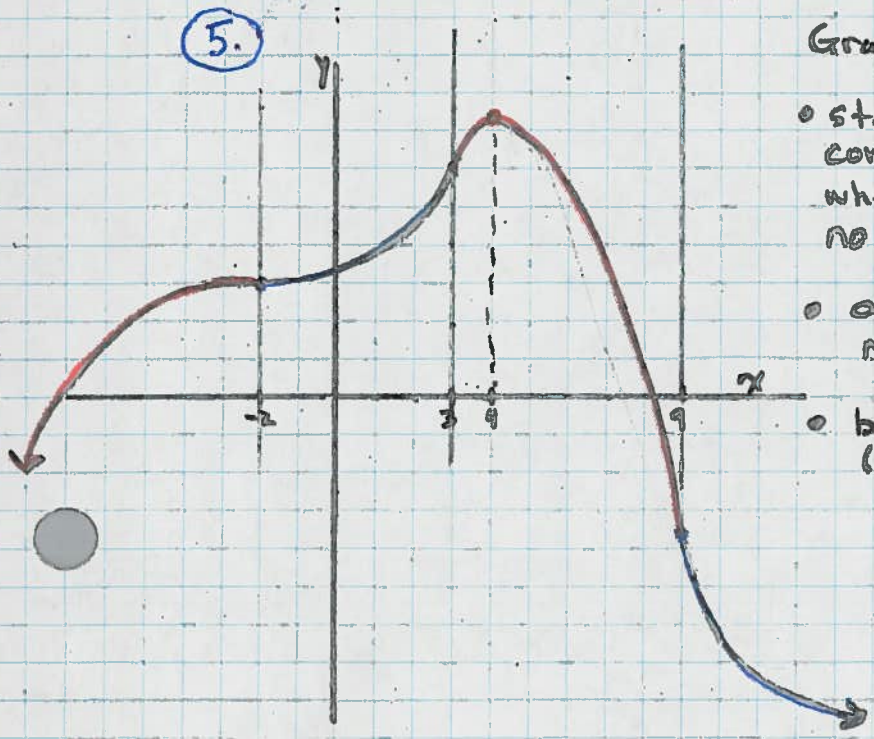
Ch 4 Review

- Practice Test : Pg 220 # 1 → 7

Corrections

(2b) $(-\frac{1}{2}, \frac{17}{8})$ is a min

(5.)



Graph should

- start concave down and switch concavity at inflection points when $x = -2$, 3 and 9 and no where else.
- absolute max. @ $x = 4$ and no other local max/min points
- be horizontal when $x = -2$ (and $x = 4$)

- Review Exercises : Pg 217

(4.1) Q1

(4.2) Q3 [3b (0,6) is a MIN, not a MAX], 6, 7, 13, 18

(4.3) Q5, 9, 11, 12, 16, 19 [$f''(x) = \frac{10(x+2)}{(x-1)^4}$]

(4.4) Q2, 8 [8aiii graph should be up-side-down (reflected in $y=-3$)], 14, 15

(4.5) Q4, 10, 17, 20a