Practice Problems for Exam 3 : Graphs
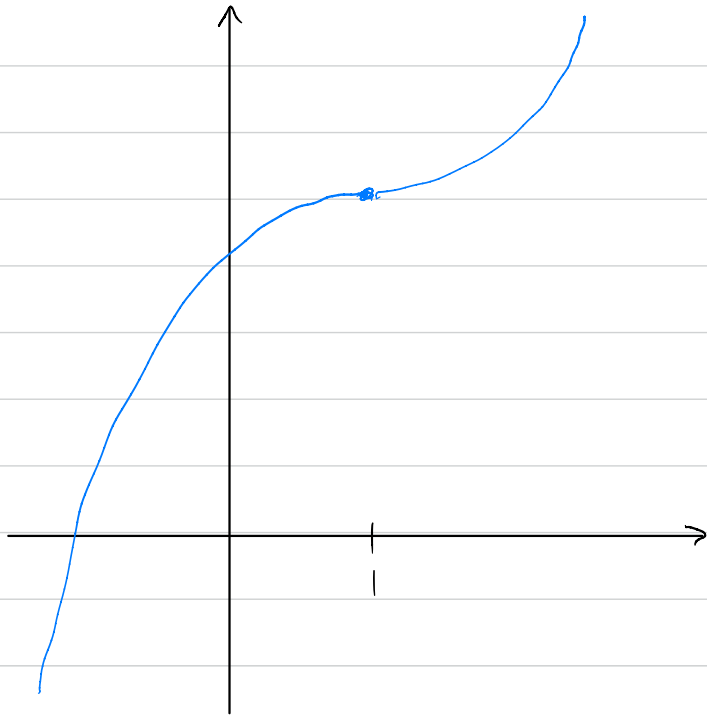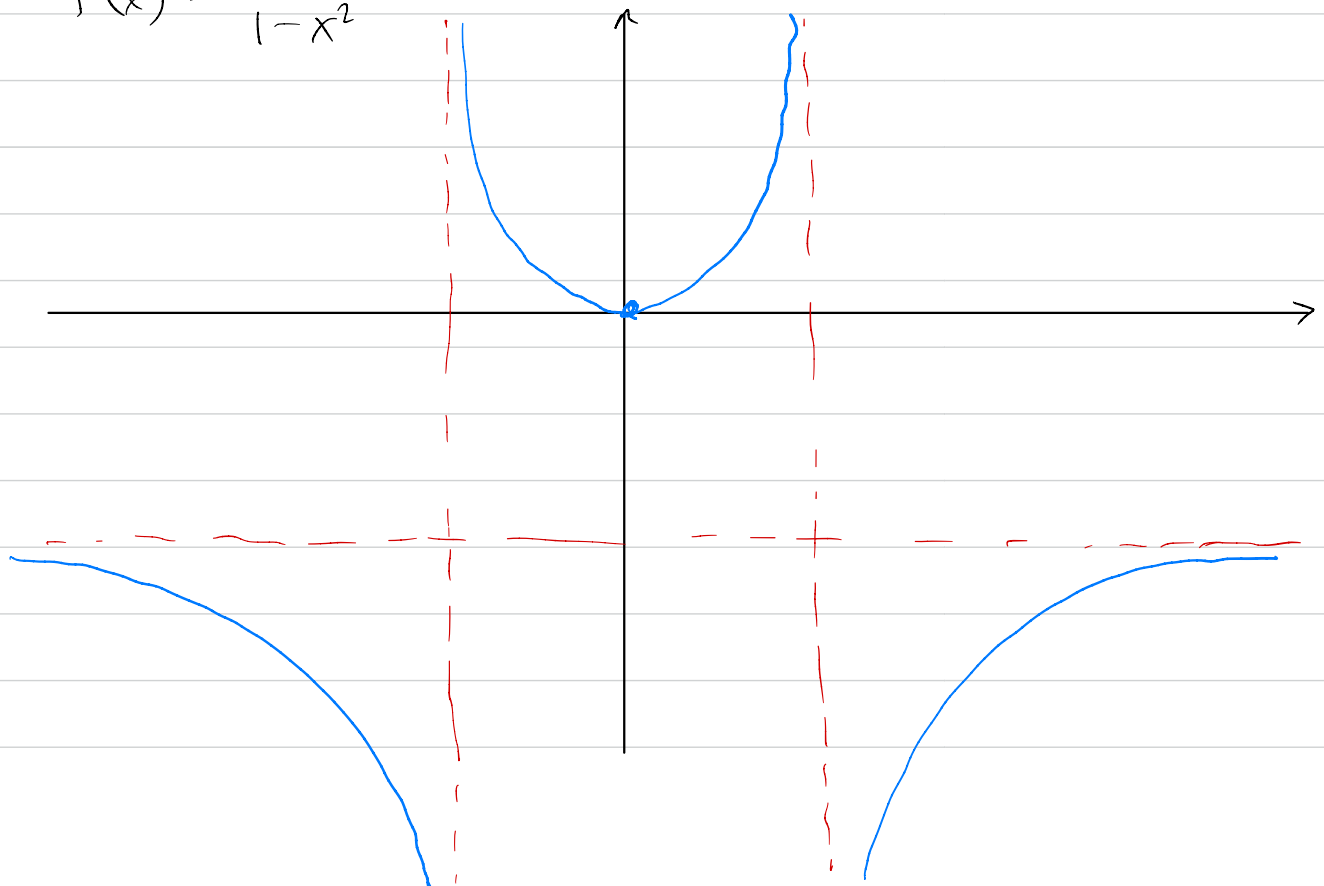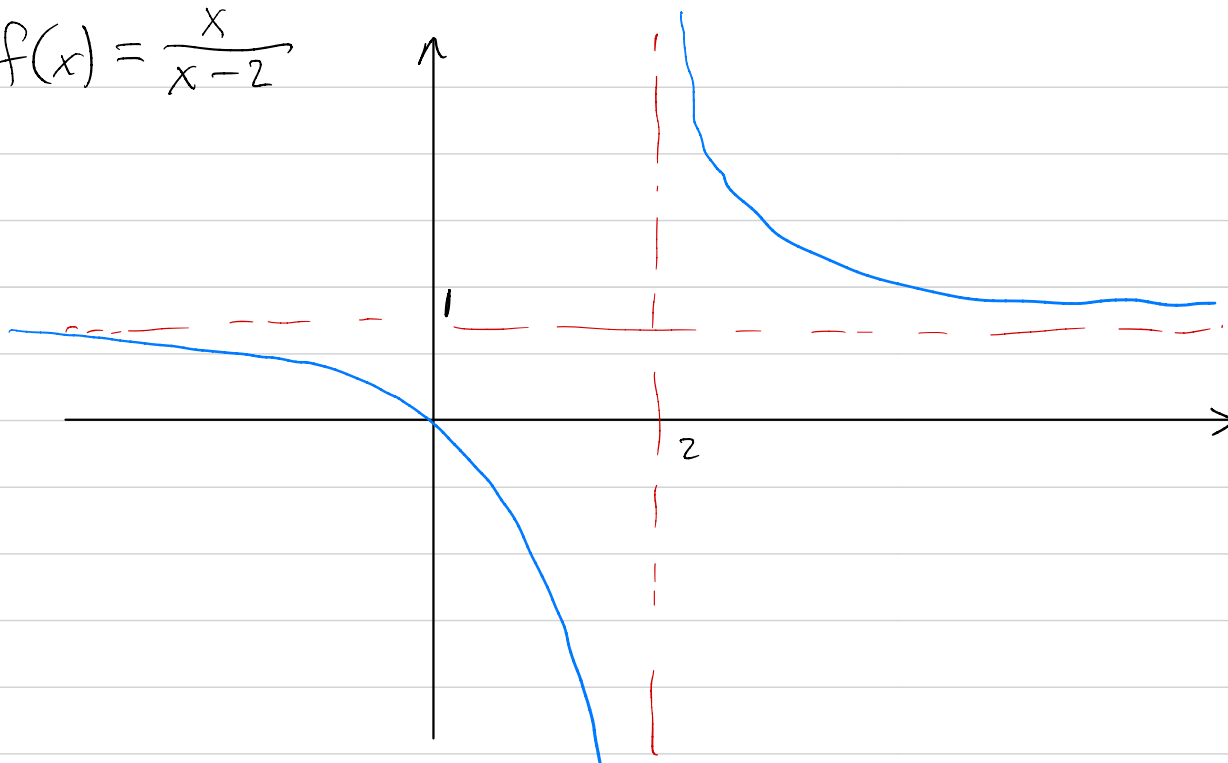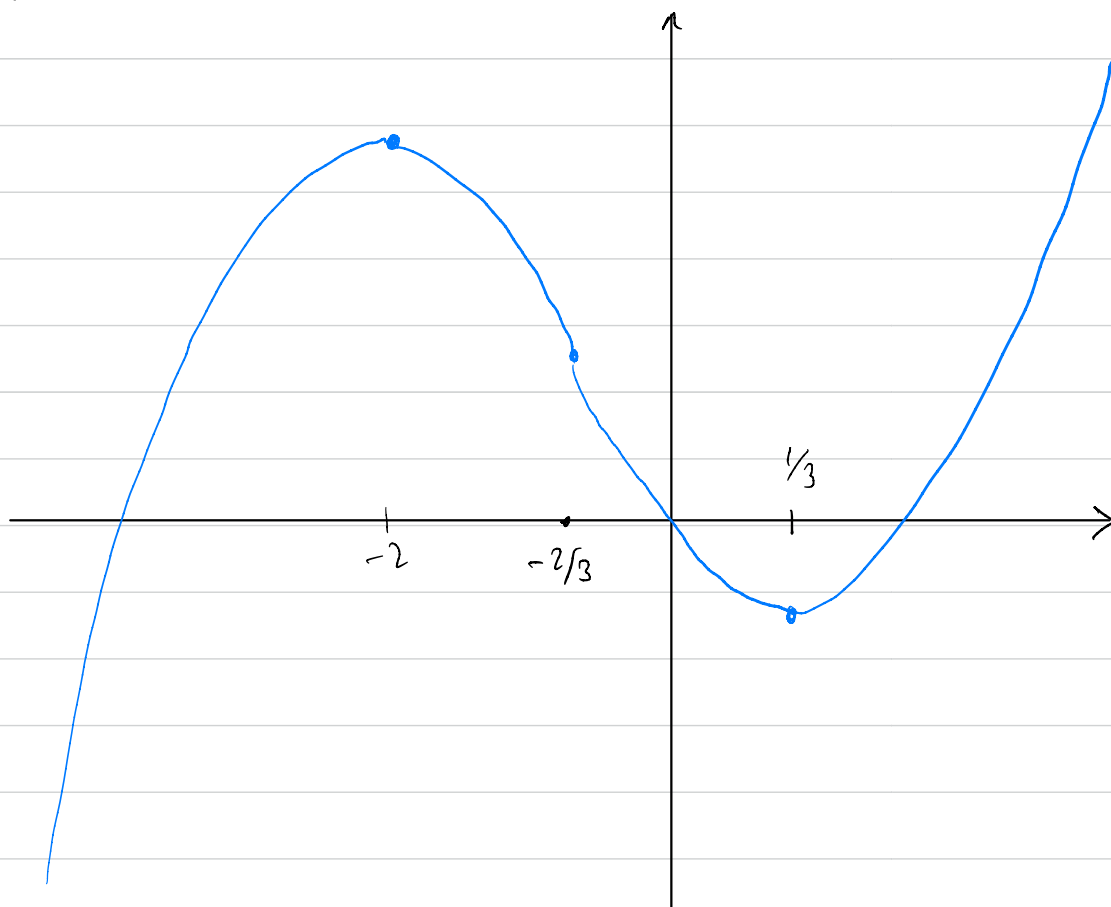
#18 : $f(x) = x^3 - 3x^2 + 3x + 10$

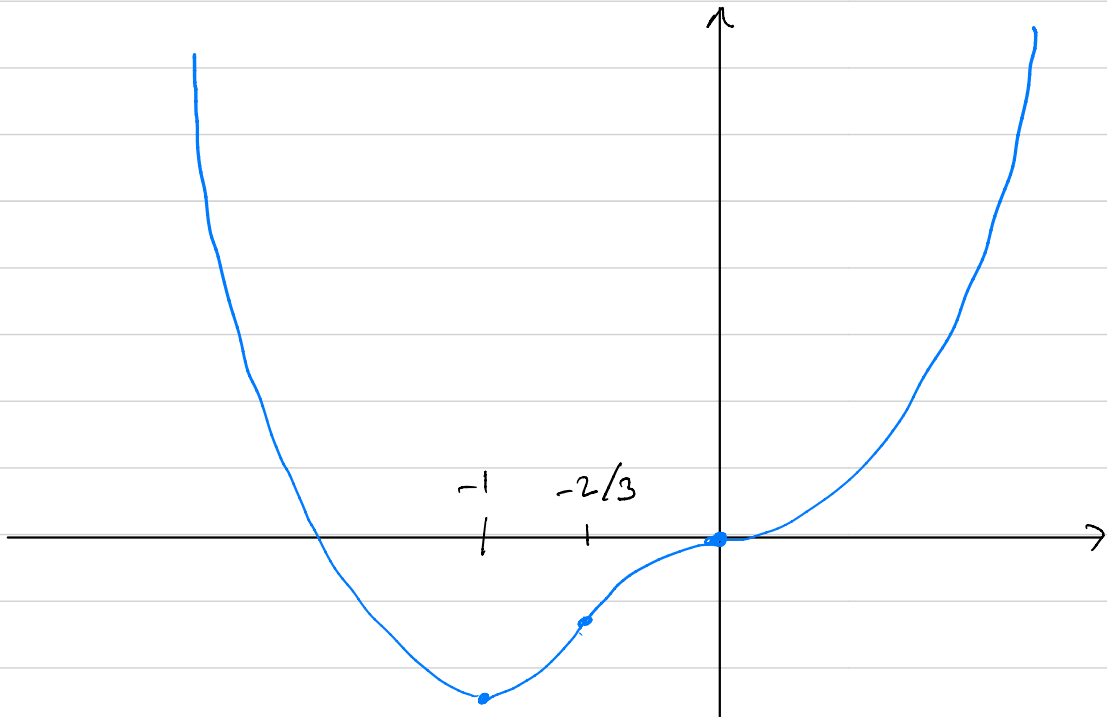#19 : $f(x) = \dfrac{3x^2}{1 - x^2}$

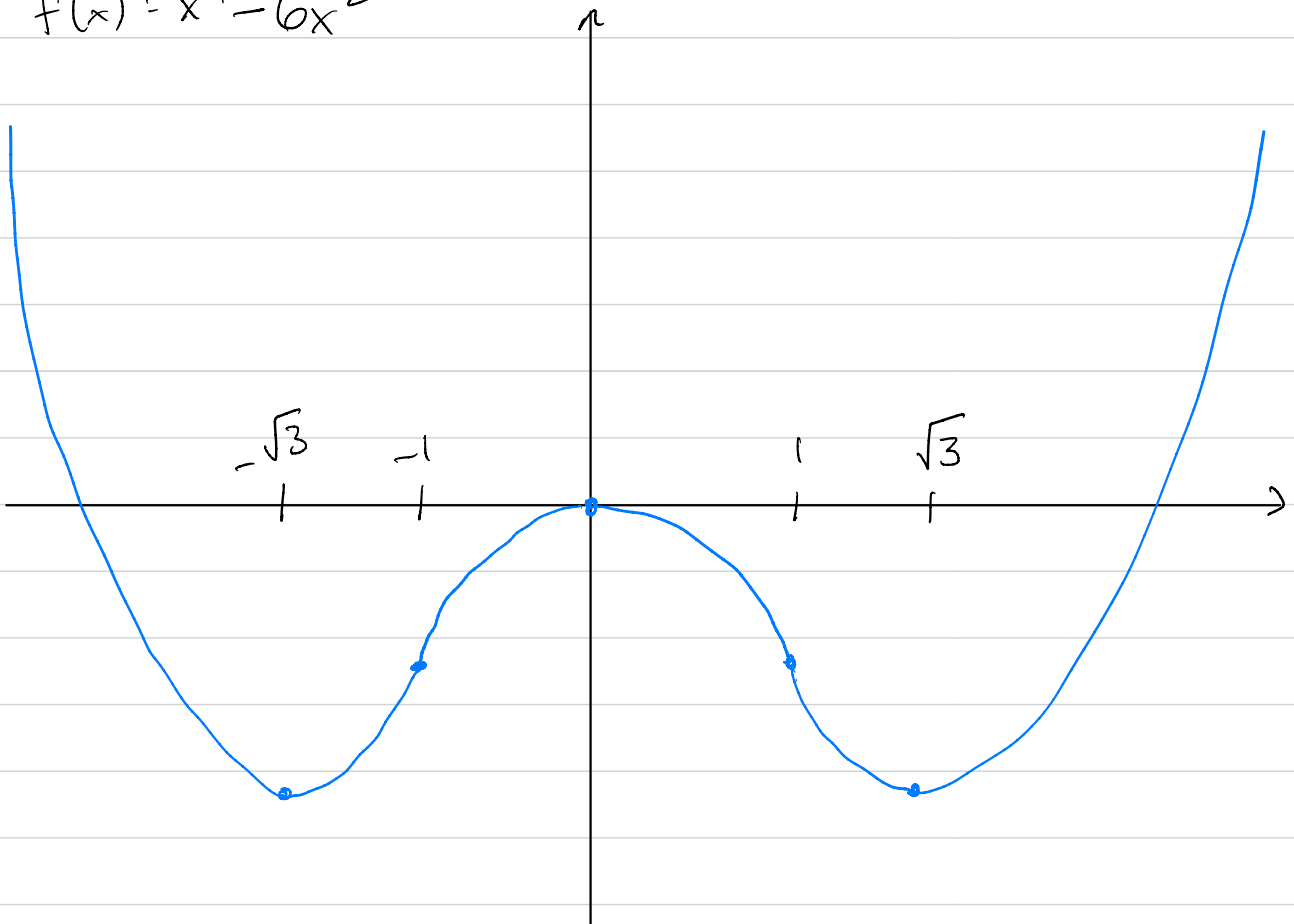#20: $f(x) = \dfrac{x}{x-2}$

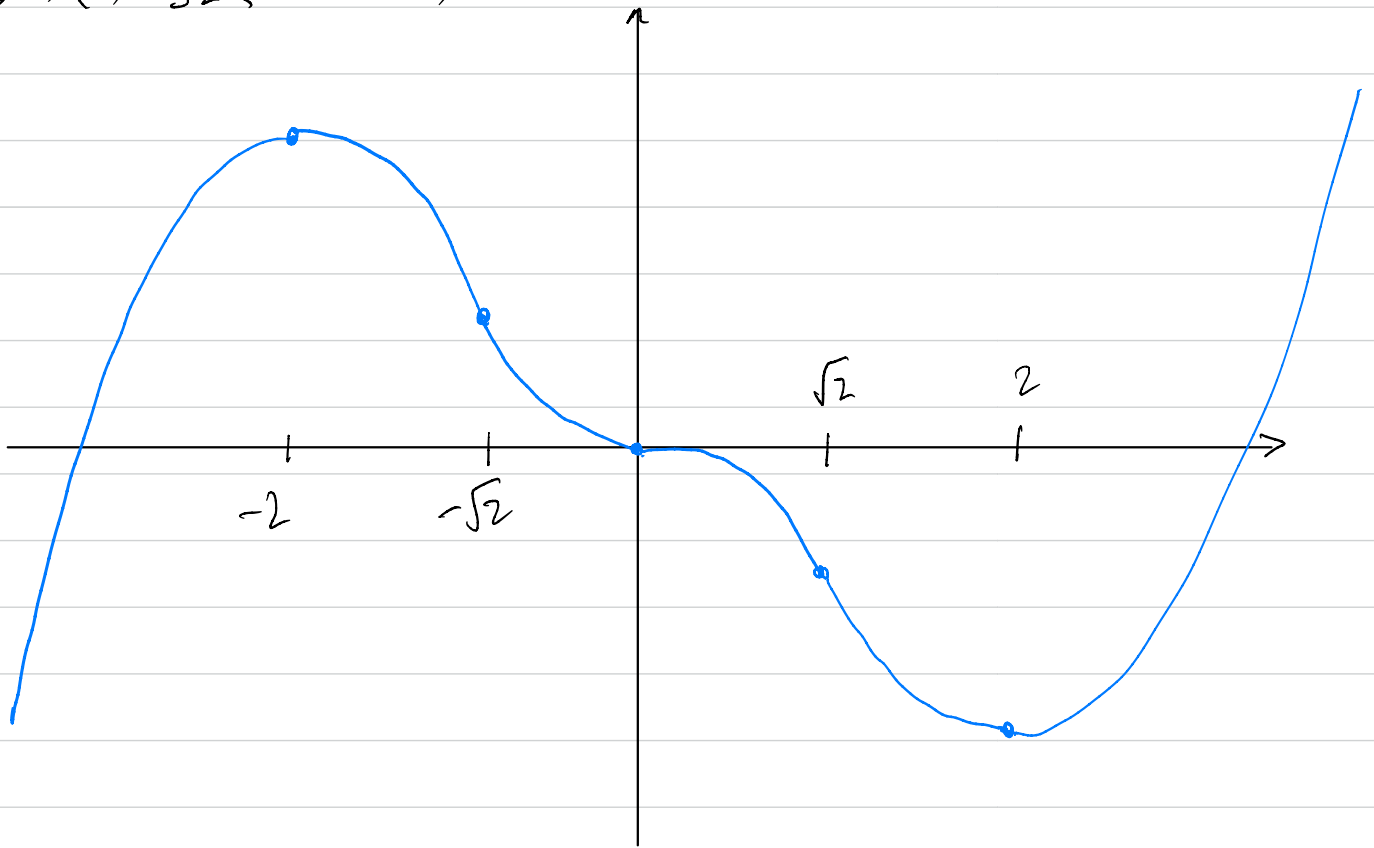#21: $f(x) = 2x^3 + 5x^2 - 4x$
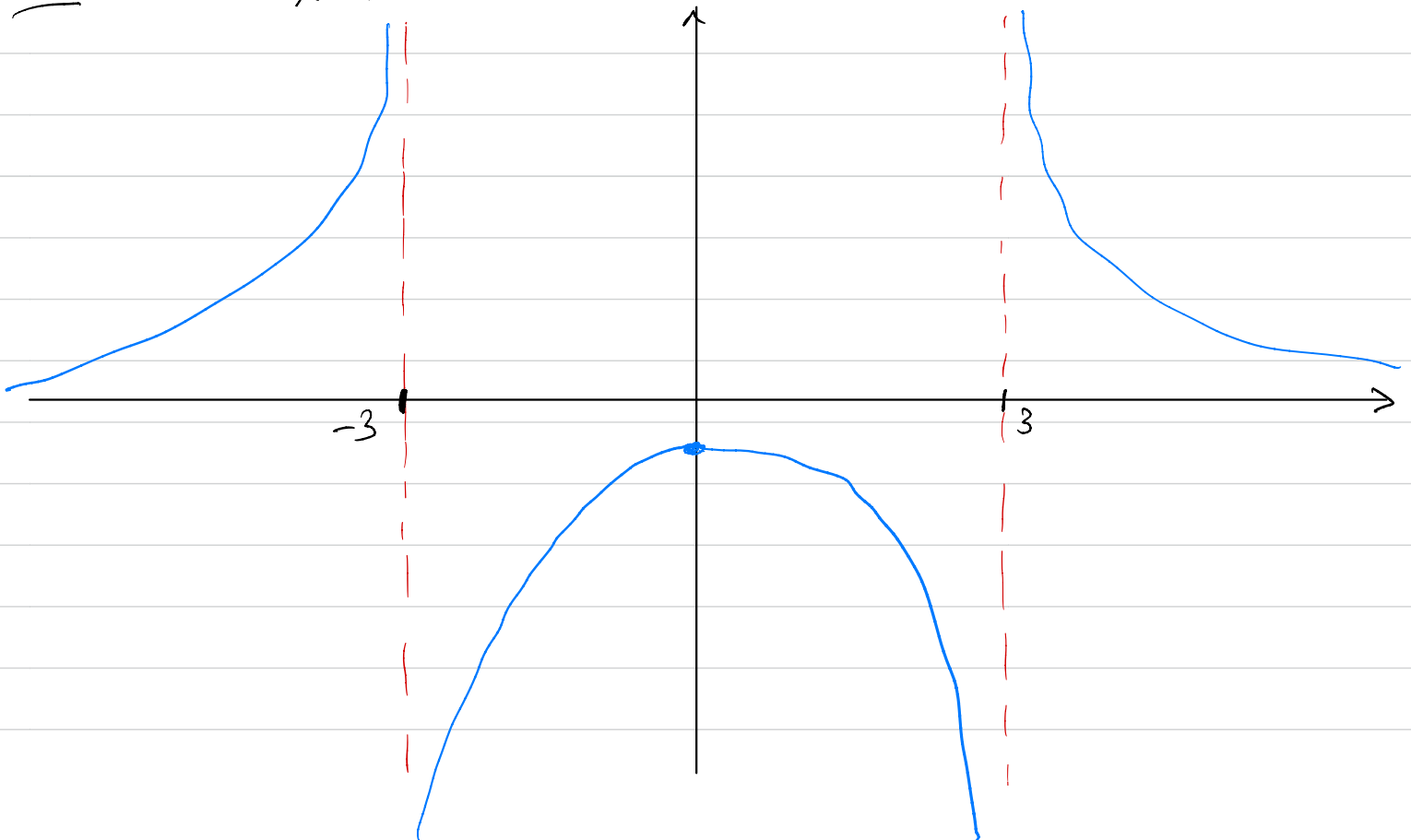
#22 : $f(x) = 3x^4 + 4x^3$

#23 $f(x) = x^4 - 6x^2$

#24 $f(x) = \frac{1}{32}(3x^5 - 20x^3)$

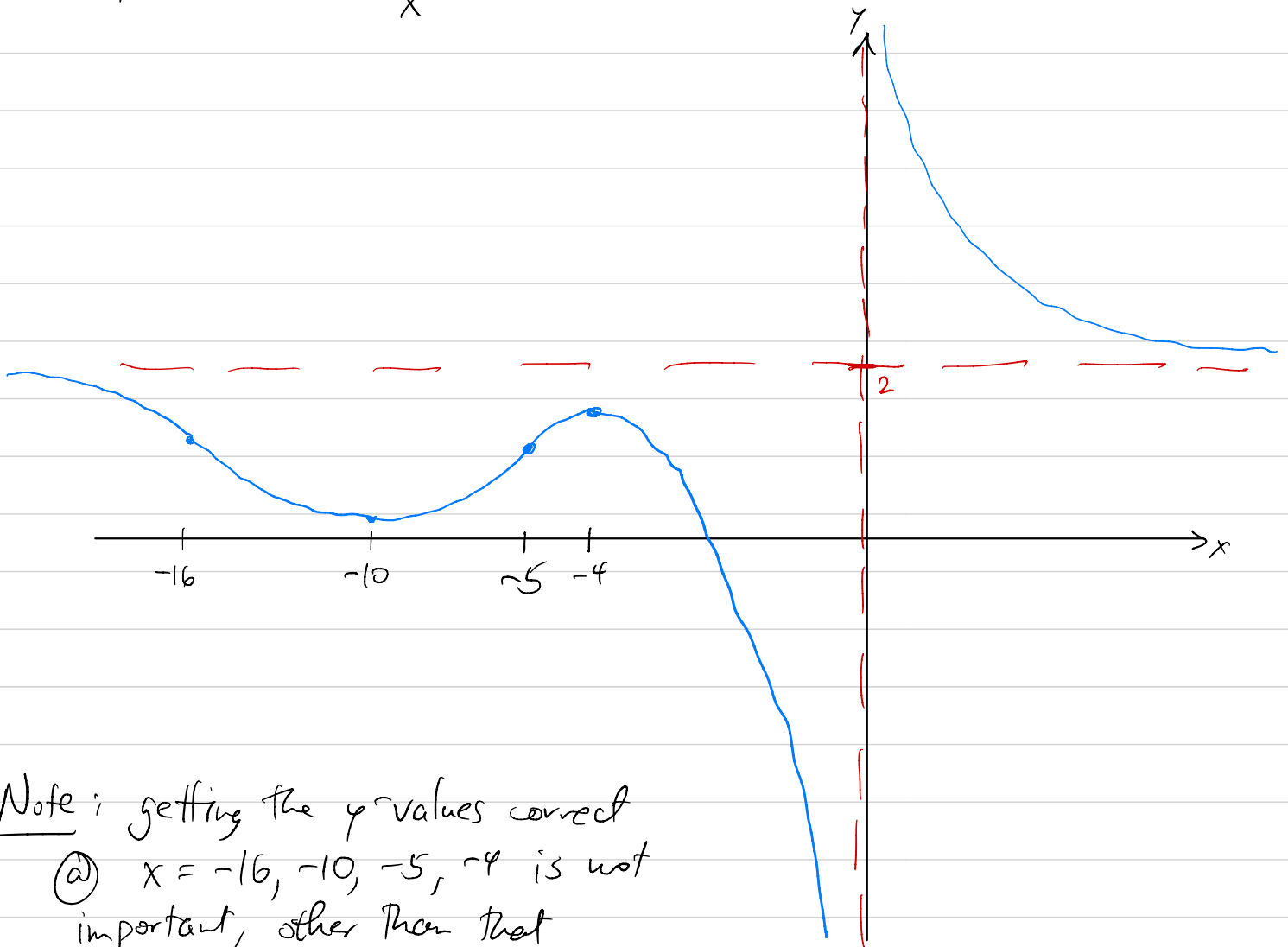#25 $f(x) = \frac{1}{x^2 - 9}$

#26 :

$$f(x) = \frac{2x^3 + 45x^2 + 315x + 600}{x^3}$$

$-16 \qquad -10 \qquad \sim5 \quad -4$

2

Note : getting the y-values correct
@ $x = -16, -10, -5, -4$ is not
important, other than that
$f(-16), \; f(-10) < 2$