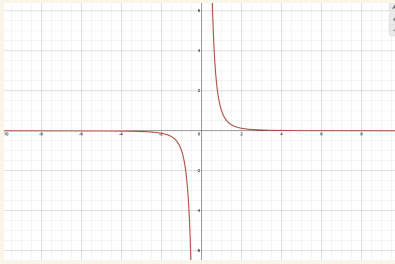


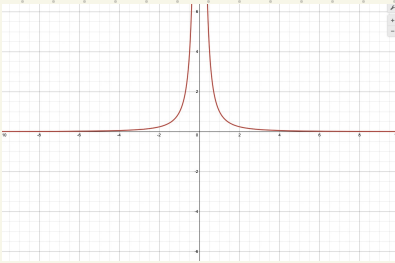
01/04/2023 2.3, 2.4 HV

2.3

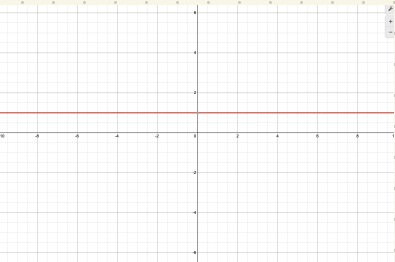
① a)



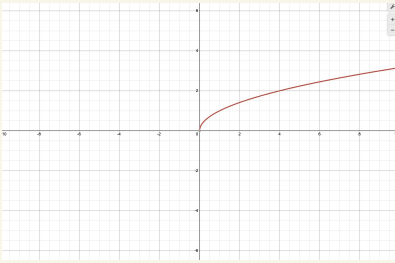
② b)



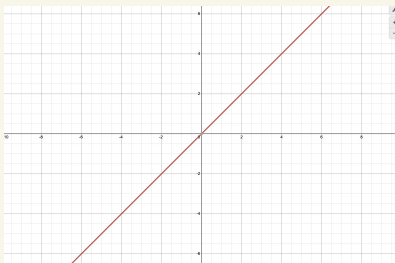
③ c)



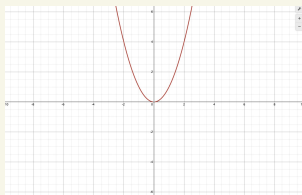
④ d)



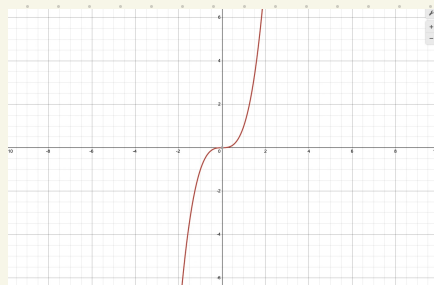
⑤ e)



④



⑤



③ ② The function is even when the graph continues in the same direction on both ends, and it is odd when the graph continues in different directions

⑥ If $a > 0$ the graph will have a positive y value when $x > 0$, and if $a < 0$ the y will be negative when $x > 0$

⑦ $y = -4x^5$, $y = -x^3$

2.4

① ② $y = \sqrt{3-x}$ $3-x \geq 0$
 $3 \geq x$

③ $y = \frac{1}{x-3}$ $x-3 \neq 0$
 $x \neq 3$

⑥

$$y = \frac{1}{x^2 - 5x + 6}$$

$$\boxed{x \neq 2, 3}$$

$$x^2 - 5x + 6 \neq 0$$

$$(x-2)(x-3) \neq 0$$

$$x \neq 2, 3$$

⑦

$$y = \sqrt{x^2 - 4}$$

$$\boxed{x \geq 2}$$

$$x^2 - 4 \geq 0$$

$$x^2 \geq 4$$

$$x \geq 2$$