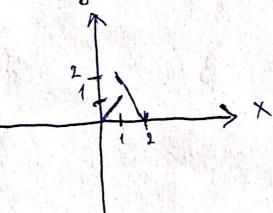
5)
$$f(t) = \frac{4}{3-t}$$

 $D = (-\infty; 3) \cup (3i)$
 $Q = (-\infty; 0) \cup (0; 0)$

15)
$$g(x) = 5 - 2x$$

 $D = (-\infty; 0)$

25)
$$g(x) = \begin{cases} x', & 0 \le x \le 1 \\ 2-x', & 1 \le 2 \end{cases}$$
 $\frac{x}{2} = \begin{cases} x', & 0 \le x \le 1 \\ 2-x', & 1 \le x \le 2 \end{cases}$



Chapter: 1,2

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Nivari Babayer

5)
$$f(x) = x+5$$
 $g(x) = x^2-3$

a) $f(g(0)) = -3+5 = 2$

b) $g(g(0)) = 25-3 = 22$
c) $f(g(x)) = x^3-3x+5$

a) $g(f(x)) = (x+5)^2-3 = x^2+10x+22$

b) $f(f(-5)) = 5$

f) $g(g(2)) = -2$

3) $g(g(x)) = x^2 + 6x + 5$

 $(3) = (x^2 - 3)^2 - 3$

Chapter: 1.2 Page: Niyazi Babayere a) (632 x2+ y2 = 48 (X+2) 2+(4) = 49

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3	-FA	-200/3	0	Jeh	37E/4
Sin O	0	-13	0	1	12
cos o	_ 1	-1	1	0	-V2
toun Q	0	T3	10	VIVID	
est o	PAND	3	JUND	1000	1,10
3ee 0	1-1	-253	1111/2		212
TSC 0	TOM)	1 -3	1011/	1	122

By=costx

25) sec Act

25) sec Act

precod = 4 (y) ()

period = grot periodic

Chapter: 1.4 Page: 34 Niyazi Babayer 25) y= Seh 250x $\int (x) = x^4 - 4x^3 + 15$ Window = [-2, 4] by
[-15, 46] 15) y= |x=1| For the second [-0,02; 902] k [-1,1] Mindom = [-3; 3] by [0;10)

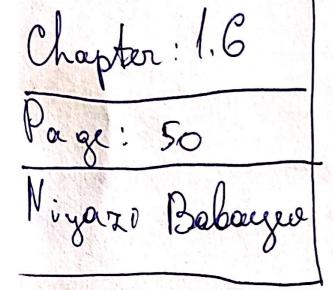
Chapter: 1.5 Page: 33 Nigoso Backerger

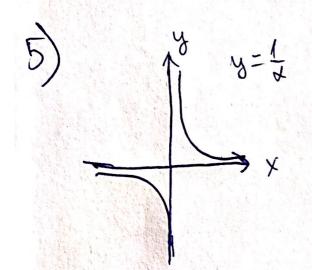
5)
$$y = e^{x}$$
 and $y = \frac{1}{e^{x}}$

$$y = e^{x}$$

$$y = e^{x}$$

X ~ 2. 321 1928





Not one to one. Horizontal line coun not intersect the grouph at 2 points.

$$y = x^{5}$$

$$x = \sqrt{y}$$

$$y = \sqrt{x}$$

15)
$$\int_{6}^{6} 6 \times 2x = 6.2x$$

$$0 \le x \le 3$$

$$0 \in (-3, 8)$$

$$R \in (-9, 8)$$