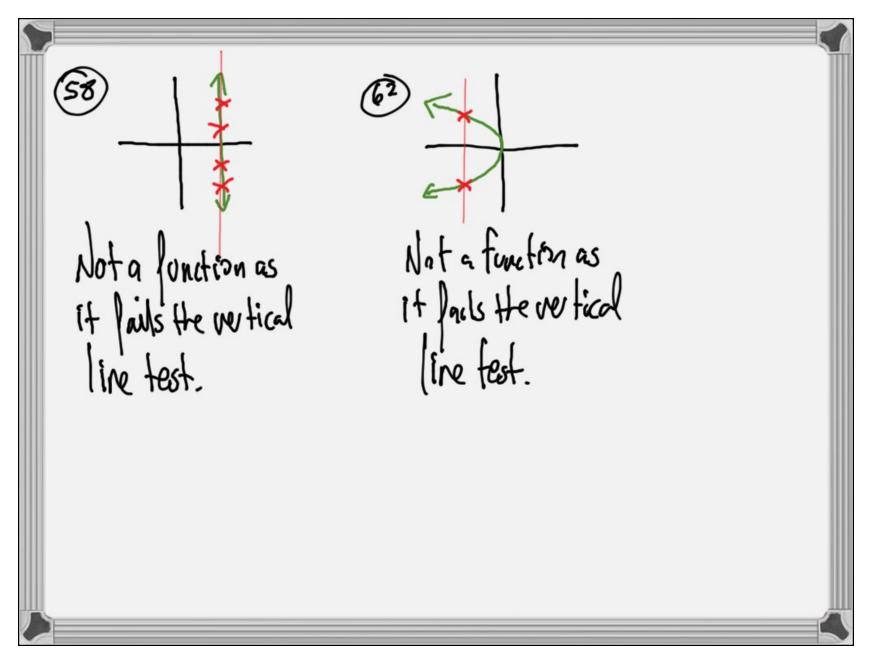
Pg 176 (3b) 9) $f(2) = \frac{4(2)^3 + 1}{(2)^3} = \frac{33}{8}$ 0X b) $5(-2) = \frac{4(-2)^3 + 1}{(-2)^3} = \frac{-31}{-8} = \frac{31}{8}$ Function. c) $f(-x) = \frac{4(-x)^{3}+1}{(-x)^{3}} = -\frac{4(x^{3}+1)}{-x^{3}}$ or $\frac{4(x^{3}-1)}{x^{3}}$ 0: {4,5,63 R: 213



(2)=-4 スコ (-6,4) 90 (b) f (-4) = 4 -4 (0,-3) -6 (0,-(70) f(-1) =0 a) D: (-6,0] (مصرا) U (ار 🗷 -) : ((P (72) g(2)=-2 b) R: [-3,4) b) R (-a,0) U(0,a) 74) q(10)=-2 c) x-int (-4,0) c) x-int: None d) y-int (0,-3) d) y-int: (0,-1) e) f(z) = 191 e) f(-4) = D 2 = \ ٦

(11) a luction has only False, the Domain is [-4,4] 124) f(-1) - f(4) = 2 ONE output per inpot. 1 - (-0) = 2A relation can have many output per input. 7 vertical line revealing multiple out puts for a single input. Not a Jurction by du initia