	d ab
Exam 2	
1. True, True False True 2 outputs	L, p.
1011001	
2.9(c) 9 determines the radius of the circle given its circumference	sh
9 determines the radius of the circle given in crown	
$\mathcal{G}(\mathcal{U}_{\mathbf{q}})$	
3(a)=19	A TO
4. graph of f	
(4,5) -> Inverse	
F-1 (4) regular 5. h(g(128)) → area → Perimeter = 128	
5. h(g(128)) - area - permeter - area = c. st f(s(6.62)) - permeter - area = c. st	
10 1000 MILEN XIVIE	
f(+5 -> tortoise's distance	
t-seconds	
5 -> have's distance from the finish line	
	7
7. $(6,4)$ $-6-7(4) \rightarrow -6-28 \rightarrow$	J.
0. f > 125 off	
$g \rightarrow 40^{\circ}l.$ off 450	
9. horizontal interapts -> mots	
10. $f(x) = -3(x-1)^2 + 4$ $g(x) = \sqrt{x+4}$	
/ - ^^\	1
domain: (-00,00)	
domain: (-00,00) range: (-00,4] domain: (-00,8]u[8,0)	
12. 3x-5 -> 3(1x+4)-5	
1xry > 1(3x-5)+4	
15 + 14	1
14. In gives the cost of carb tyears since 20	U)
14. haves 4 to cost of the	
15. 42 galloh	
drained 3 gallons per minute	
-ange?	

function = varying cost of both of their apples ne = pounds for both

$$x-7 = 0.44 \rightarrow 4 = x-7$$

17.
$$x = 44 + 9$$
 $x = 4 + 2$ $4 = 4 + 2$

$$x-9=44$$

$$x-a = y$$

$$x = \frac{1}{7} + 6$$
 $x - 6 = \frac{1}{7} - 7(x - 6)$
 $x = 5y + 20$ $x = 3x + 9 - 3x - 9 = 3y$

$$x = 54 + 20$$

$$\frac{x-20=54}{5}$$

$$\frac{x-20}{5} = 4$$

18. Open top box

$$\frac{-2x}{-17}$$

$$\frac{-2x=-5}{-2}$$

$$(11-2x) \quad (5-2x)$$

$$17-2x=0 \quad 5-2x=0$$

$$-2x=-17 \quad -2x=-5$$

$$-2 \quad -2 \quad -2$$

$$x=17/2 \quad x=5/2$$

$$8.5 \quad 2.5$$

$$19. \quad 0.3(5)+2(5) \quad 0.3(2)^2+2(2)$$

$$0.3(25)+10 \quad 0.3(4)+4$$

$$7.5+10=17.5 \quad 1.2+4 \Rightarrow 5.2$$

12.3

281. 12mm long

$$X = 12 - 1.2 t$$

 $X - 12 = -1.2 t$