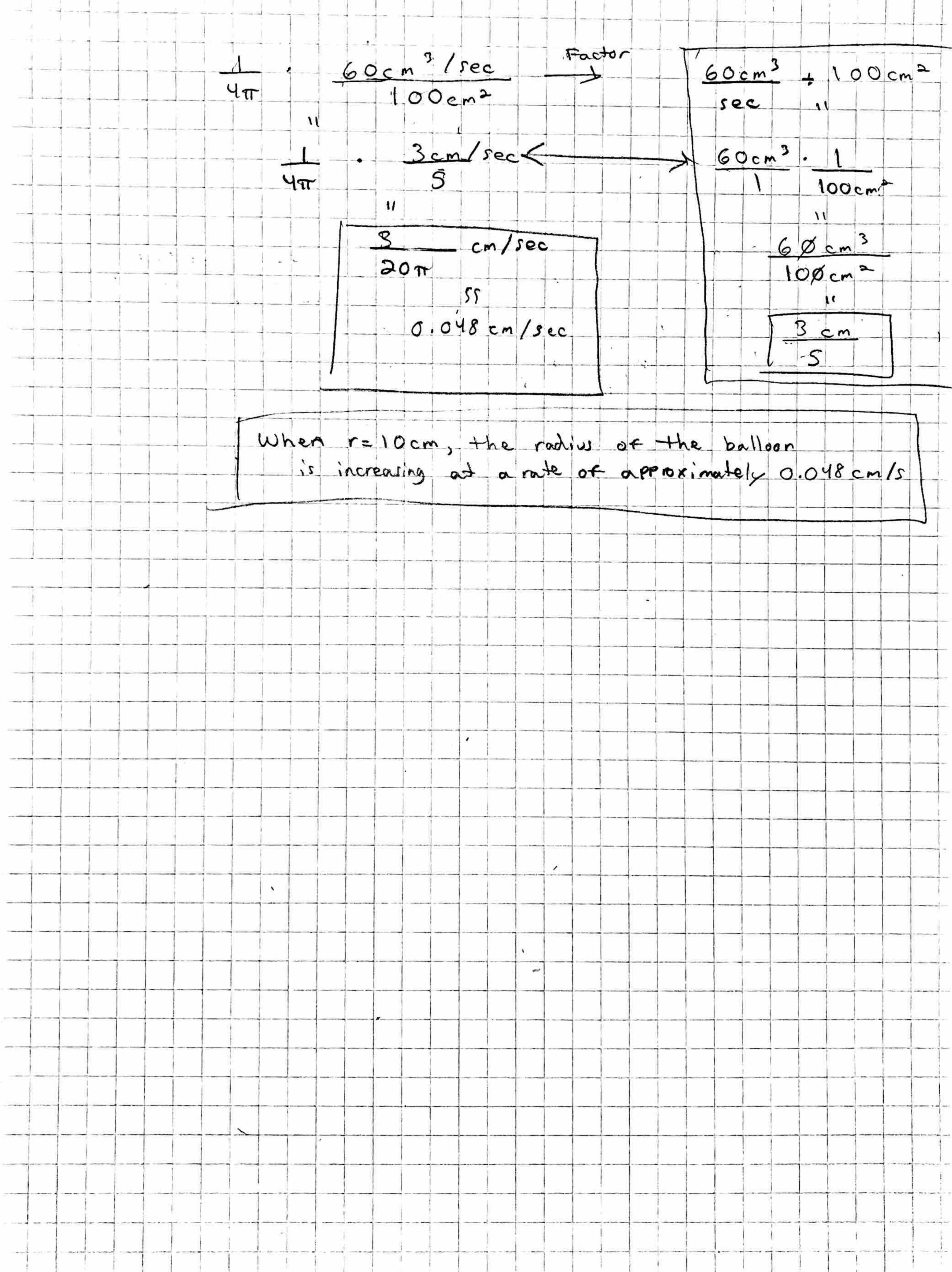
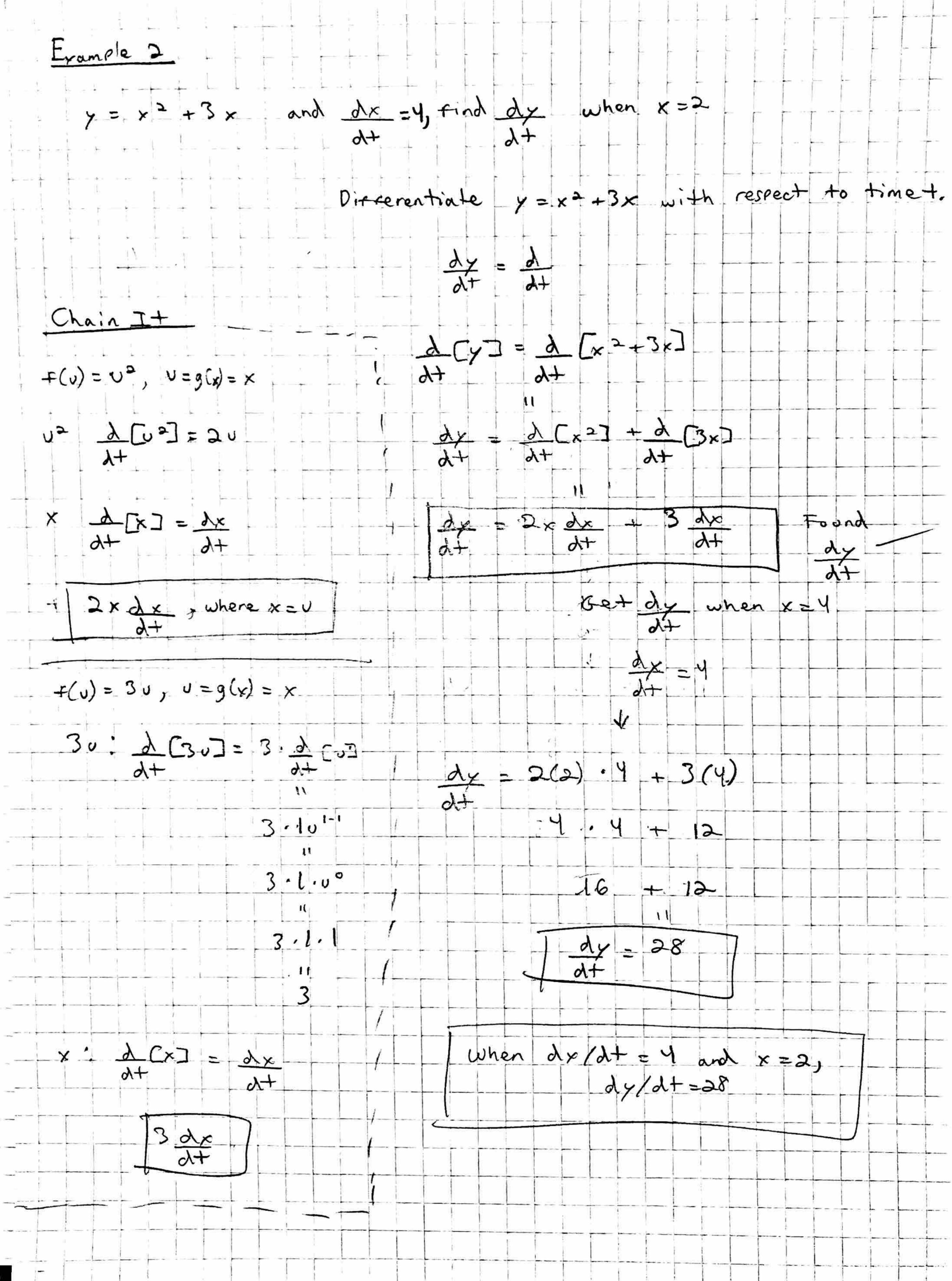
Equipment of Schore V= 3 Tr2 Rate or balloon incressing A rate or balloon increasing to respect to time. A time A time A to a to a time. A time At 3 the a time. A time At 3 the a time.	<u>Example 1</u>			hore	
Rate or balloon increasing A rate or balloon increasing = dr in respect to time. A time At [V] = d [4 Tr3] At dt [3 Tr3] At 3, [At] At 4 At 3, [At] At 4 At 3, [At] At 4 At 3, [At] At 5 At 3, [At] At 6 At 3, [At] At 6 At 6 At 6 At 6 At 6 At 6 At 6 At 7 At 6 At 6 At 6 At 6 At 6 At 7 At 6 At 7 At 6 At 6 At 7 At 6 At 7 At 6 At 6 At 7 At 6 At 7 At 6 At 7 At 6 At 7 At 7 At 6 At 7 At 7 At 7 At 7 At 7					
ATTIME ATTIME ATTIME ATTIME ATTIME ATTIME ATTIME ATTIME ATTIME Chain It (Chain It (Chai			3		
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	Rate	of balloon increases to time	ing A rate of ballo. A time	n increasing.	= <u>d</u> - - - - - - - - - -
$\frac{dv}{dr} = \frac{dr}{dt} \cdot \frac{dv}{dr} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dr} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dr} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dr} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} \cdot \frac{dv}{dt}$ $\frac{dv}{dr} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} $	1 LV J	= 2 [4 77 (3]			
$\frac{dv}{dt} = \frac{dv}{dt} = dv$		11		- (u) = u	v = g(x) = r
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	- L	4 m. 12 [r3]			
$\frac{dv}{dt} = \frac{dv}{dt} = dv$		3 3+	4		3- Le 30 2+
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	1	4 _ 7 2			
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	1 2+	3			4-[c] = Ac
$\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt}$ $\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} \cdot \frac{dv}{dt}$ $\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} \cdot \frac{dv}{dt}$ $\frac{dv}{dt} = \frac{dr}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{dt} \cdot \frac{dv}{dt} = \frac{GO \text{ cm}^3}{d$		1)			2+
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	- <u>a-</u>	- 7mr dr		2	- D)
$\frac{dv}{dt} = \frac{dv}{dt} = dv$	a '				J. J. W.KE/E.
4 m (10 cm) (60 cm 3/sec) 4 m (10 cm) (60 cm 3/sec) 4 m (100 cm 3)		Salve for	Δα		
1 (60 cm ³ /sec) 4π (10 cm) ² 4π (100 cm ³)			J->-		
1 (60 cm ³ /sec) 4π (10 cm) ² 4π (100 cm ³)			U-5		
1 (60 cm ³ /sec) 4π (10 cm) ² 4π (100 cm ³)	4272	d+ d+	YAFT &		
1 (60 cm ³ /sec) 4π (10 cm) ² 4π (100 cm ³)					= 60 cm3
4 m (10 cm) (60 cm 3/sec) 4 m (10 cm) (60 cm 3/sec) 4 m (100 cm 3)			alvi = ar	J	Secongs
4 m (10 cm) (60 cm 3/sec) 4 m (10 cm) (60 cm 3/sec) 4 m (100 cm 3)		4177			
4 m (10 cm) (60 cm 3/sec) 4 m (10 cm) (60 cm 3/sec) 4 m (100 cm 3)			(60 cm 3 / sec)		
1 (60 cm ³ /sec)		Mmr ²			
1 (60 cm ³ /sec)				60 cm 3/5 ec	
41 (100 cm²)			4TT (10 cm)		
41 (100 cm²)				6600	m³/sec)
			45 C100 cm	^2)	





Example 3	Rates of Interest
	1. Volume of water x
	2. Derth or water y
	Use Volume of Cone Formula
	$V = \frac{1}{3}\pi r^2 h$
10	
d+ =	3 ++3; - , h = 5++ deep or water
	Min
	Saberor r.
	h = 3
	XLJ.
	T X 2 T
	V= 1 Tr/L) = L
	5 T(3)
	V = 1 . m. h 1
	3 4
	V= 97 ,-====================================
	V= -71 + 12
	The half has been a second to the second to
	12

