22-3-22	The state of the s									
	Day -1-Introduction and exercise 16-122 sures									
							Day - 3 - Rev CR-16	V		
	Flow chart									
	Mathematics									
	Arithmatica									
	The full factor of the factor									
	Comparing Quantities									
	Total production of the second									
	Direct variations		a: le = a							
	I RID I UN									
	$A : b^2 :: c : d^2$									
						Inverse pariation				
						x of x = x xy				
		Find the ratio of:								
		tind the ratio of:		T. CHE T.						
	0	7 10 to 50 P +860: 670 = 20;1	C	10 days: 30 holors						
	- 1000 : 870 = 20; 1		Iday = 24 hours							
0	10. 1		10 days = 240 hours							
b	10 km to 8100 m		~							
	10 km = 10 x 1000 = 10000 m		240: 30 = 240 = 8							
	10000: 8/00 = 100:81		50 -8:1							

2	Hose pipe diameter (dy) = ze con Water volume carried per minute (V) = 401
	Water realism passied me minute (V) = 401
	Other house pipe (d2) = #1.5-cm
	Volume of it (V2) =
	If the amount of menter, $V \propto d^2$
45.00	If the amount of neater $V \propto d^2$ $d_1^2 : V_1 :: d_2^2 : V_2$
	22:40: 1.5-2: V2
	4V2 = 2.25-x40
	V2 = 2.25-x40
	4
	: V2 = 22.5-1
	H.W gumg
d	101 to 300 ml
	= 100ge : 300
	= 100:3
e	7 100 : 15-p
	= 10000: 45g
	= 200:3

$$T_2 = 1\frac{1}{2}$$

$$4D_2 = 7200 \times 3$$
 $D_2 = 7200 \times 3$
 2×4

$$d_2 = \frac{1}{2} geo$$

condition
$$T \propto \sqrt{d}$$

I : \sqrt{d} :: T_2 : \sqrt{d}_2

$$d_2 = \left(\sqrt{20} \times \frac{1}{4}\right)^2$$

Day-2

	Part of the second seco
5	V1 = 500l
	II = 3 Ar 30 m
	$71 = 3\frac{1}{2} = \frac{7}{2}$
	The state of the s
	$V_2 = \frac{1}{5} \times \frac{100}{5} = 100 $
	V1 VC00 = 100 /
	5
	V1: T1:: V2: T2 500: 7: 100: T2
	300.7
	(TXXT 7) [70
	500XT2 = 7 x 100
	T - 1000 7 x1
-	$T_2 = 100 \times \frac{7}{2} \times \frac{1}{500}$
	T - 7 Agray
	T2 = 7 808
1	- 7 - 10 U2 mina
_	$= \frac{7}{10} \times 60 = 42 \text{ mins}$
1	
4	Can de tra de la corre
	The moss of a disc cut from iron m, = 1.80 kg
6	$m \propto r^2$
	$m_1: n_1^2: m_2: n_2^2$
	$m_1 = 1.8 \text{ kg}$
	ri = 15 cm
	$m_2 = 0.2$
	2 = ?

