	Experiment-3	Page: Date: / /
* <u>4</u>	n:- to find median for the	given dala
* Exp	eriment: - Find out the med	ian of following
	data of ages of w	
e	uployeed at second shift e	
fa	ctory.	
	(a) 30, 40, 42, 35, 40, 38	, 20, 41, 32, 22
	(b) 30, 40, 42, 35, 40, 38, 20	5,41,32,122,39
	Arranged in ascending order:	
(a)	20, 22, 30, 32, 35, 38, 40, 40,	41, 42
(6)	20, 22, 30, 32, 35, 38, 39, 4	0,40,41,42
-		
* Theo	By & Formula:	
	Median: - Median is the	Value that
	divides whole dat	a set into

									-	Page: Date: / /					
	two	eq	ual	pag	ıls.	Thus	, is	l is	a	ро	sidio	nal	mea	sure.	
	If	no	. of		1			odo							
					Ma	11	(n-	+1)**	Je	9m	_	_	0		
	If	no	· of		serva	dions	j	s e	ven .						
			The	n	Ma	11	(-	$\frac{n}{2}$	term	+	$\left(\frac{n}{2}\right)$	+1)	th for	m	
											-		- 2		
							Co								
*	Re	sult	:-		(a) (b)		dian dian	is is	3	8					

	Date.										1
*	Calculation	y :-									
	(a)	no	of	ob	seque	tions	(n)	= 1	0_	*	
		using	TOHM	lua (5						
		M	d =	5#	Jen	1 +	6th	lerm			
		M	4 =	3!	5 +						
		M	d = :	36.5	2	- QC					
	(b)	n									
				0		09.		02			
		Md =	11+	1	13	12 2					
		Ma =	6th	lo	m	.7	3			*	
		[Ma =	38								-