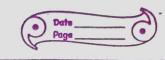
1111-1 2411 MOY Lignificant pigits / figures

Lignificant valuable digits in a given no.

is called significant digits significant figures In bet 1 teres reading fetor Trailing Zeros -10.00 50830 4 Non-zero digits Rules to determine significant digits Rule I: If a no- contains no zeros, all digits are significant · Fg: No of significant sig nificant digits 438 @ 438 2,5,4,2 6) 25.42

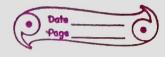
	© 1·7	A STATE OF THE PARTY OF THE PAR	1,7	2	
			· · · · · · · · · · · · · · · · · · ·		Dote Page
	RUIL 2:		bet" nificant	n owt	n-0 digits
•	E9 :		i pininieiz ieib		No of lightfica digi
	:0 506		5;0,	6	3
	6 10,0	5 2	1,0,0	, 5, 2	5
	@ 900.4	131	9,0,0),4,3,1	6
		11 0'5			d e cim al
		re (not)	,	nt whe	o no is 10
•	£ ð.		1.0.		
	@ 0.08		6		No of so
i.	FP000 (d)		4,7		2
	0 0.005		5		1



_					
	Rule 4: When At. no is greater than one				
	watermal then all o's on right				
	side	of decimal & lef	t side of do	cimal	
	will	be significant f	ioure	,	
•	£ 0:				
		[·]	ND OF S.D.		
	0 5.050500	2,0,2,0,2,0,0	7		
	6) 3.00540	3, 0,0,5,4,0	6	·	
	0 1.0230	1,0,2,3,0	5		
			, , , ,	·.	
,					
	RUIC 5: A no	wio decimal, all	right side		
			0.8 00		
	will (NAt)	be significant fig	. but when	it	
		comes from me	as wrement th	6 U	
		such o's are	significant		
•	Eg:			-	
		1.D ·	No of S.D.	1.7	
	@ 1000	1	1		
			•		
	(b) 1000 kg	1,0,0,0	4		
	© 5000	2	11		
-		4 1			

	Date
1	Page
8	

			Date Page		
	Rule 6: A fin	ion only are	in decimal significant		
	(a) 0.000500	2,5,0,0	NO. Of S.D.	(((
	(b) 0.00390	3, 9,0	3		
	© 39·00	3,9,0,0	4		
	How many significant digits in each of the following examples?				
<u>a)</u>	0 0059 65000				
	560				
, () f)	0.000009				
9)	701.905				
0		· D · · · · · · · · · · · · · · · · · ·	No. of s.p.		
0	0.005965000 5	, 9, 6, 5, 0, 0, 0	1		
0	560 5	, 6	3		



	1		,	Date Page	
0.0509		5,0,9		3	
0.000000		9		1	
0.0000104		1,0,4		3	
701·905		7,0,1,9,0,	5	6	
,			,		
		,		•	
	•				
			•	*	
					to the second of
			A		
	· · · · · · · · · · · · · · · · · · ·			,	
			3	, .	
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