NAME		CLASS		DATE	
Practi		× ×	11	e e e	1
11.1 B	Permutations				- A-
Find the number of palphabet for each sit	permutations of the tuation.	first 7 letters o	of the	5. No. 26	e 20
1. taking all 7 letters	at a time	2. taking 5	letters at	a time	a
3. taking 4 letters at a	a time	4. taking 3	letters at	a time	≥
In how many ways o	can 12 books be dis oks are available?	played on a she	elf if the	8 5 W	
5. 12 books	6. 14 books	7. 15 books		8. 20 books	
Find the number of page 9. geometry	permutations of the	letters in each	word. 11. <i>ad</i>	ldition	* ,
12. calculus	13. mathem	atics	14 ar	ithmetic	e 8
along one wall. If	windows for a departion with a row of stuf she has 8 identical elemany different ways o	fed elephants an phants and 10 ic	d monke lentical	ys	
an The Complidates t	•				
at an election foru	for a student governn ım. In how many diff	nent office are in erent orders can	vited to sy they spea	peak .k?	
at an election foru 17. Representatives fr newspaper worksh	ım. In how many diff	erent orders can resented at a scho ferent ways can t	they spea ool	peak k?	