## THE COMMONEST DOUBLE WORD SQUARES

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Draw a stock of n-letter words in decreasing order of frequency from Kucera and Francis's Computational Analysis of Present-Day American English until they yield a double word square. For n = 2,3,4,5, word stocks of 15, 66, 326 and 1444 are needed, in good agreement with Chris Cole's theoretical predictions of 16, 63, 250 and 992 given in "Mathematics of Square Construction" in February 1993. The Kucera and Francis frequencies (in words per million) are give next to the words in each square.

IN	21420	MAN	1238	SHOW	291	GLARE	7
TO	26253	AGO	246	NONE	108	ROMAN	59
		YET	420	OPEN	332	AVOID	58
IT	8768			WEST	244	DENSE	9
NO	2219	MAY	1399			EDGED	11
		AGE	242	SNOW	62		
		NOT	4618	HOPE	178	GRADE	49
				ONES	116	LOVED	56
				WENT	507	AMONG	370
						RAISE	52
						ENDED	61
Some	runners-up	inclu	ıde				
A NT	3745	SAM	79	REST	164	SCARS	10
TO	26253	ERA	30	OVER	1306	HABIT	
10	20233			SITE	66		77
AT	5202	LEIN	103	ELSE	176	ROUGE	7
AT	5383	CPT	1.11	ELSE	1/0	PETER	
NO	2219	SET	414	DOCE	90	PEIER	36
		ARE	453	ROSE	89 72	SHARP	75
		MAN	1238	EVIL			7
				SETS	66	CANOE	
				TREE	62	ABOUT	
						RIDGE	18
						STEER	9