		X	Y	Z
21	!	separator		
22	"	.' (transpose) / permute	rot90	system	full
23	#	for	repmat	repelem (run-length decoding)	blanks
24	$	specify outputs	display stack (debug)	sound, soundsc, audiowrite	fopen, fwrite, fclose
25	%	specify inputs	sym / str2sym	char(vpa(str2sym(…), ...))	fopen, fread, fclose
26	&	comment	class	cast	typecast
27	'	alternative default input/output spec	intersect	and	bitand
28	(	*Not used. String delimiter*	execute Matlab function	run-length encoding	now / clock
29	)	( ) assignment indexing	{ } assignment indexing	( ) assignment ind. with final :	( ) assignment ind. with initial :
2A	*	( ) reference indexing / split	{ } reference indexing	( ) reference ind. with final : / split	( ) refererence ind. with initial : / split
2B	+	.*	kron	matrix product	Cartesian product
2C	,	+		conv2	conv2(…, 'same') / cconv
2D	-	do twice	cos	sin	tan
2E	.	-	setdiff	deconv	
2F	/	break	continue	pause	bitget
30	0	./	angle	right matrix divide	unwrap
31	1	*Not used*	predefined literals	predefined literals	
32	2	*Not used*	predefined literals	predefined literals	
33	3	*Not used*	predefined literals	predefined literals	
34	4	*Not used*	predefined literals	predefined literals	
35	5	*Not used*	predefined literals	predefined literals	
36	6	*Not used*	predefined literals	predefined literals	
37	7	*Not used*	predefined literals	predefined literals	
38	8	*Not used*	predefined literals		
39	9	*Not used*	predefined literals		
3A	:	colon (range)	linearize array	comma-separated list	bitset
3B	;		acos	asin	atan2
3C	<	<	min	cummin	
3D	=	==	isequal	strcmp	
3E	>	>	max	cummax	
3F	?	if		why	sparse
40	@	"for" / "do twice" value / "while" index	"for" index	perms	randperm
41	A	all	all(…, 1)	dec2base. Larger base, any symbols	base2dec. Larger base, any symbols
42	B	logical(dec2bin(...)-'0')	bin2dec(char(...+'0'))	dec2bin	bin2dec
43	C			im2col	im2col(…, 'distinct')
44	D	disp(num2str(…, ...)) / mat2str	disp(num2str(…))	sprintf / fprintf	disp
45	E	multiply by 2	replace elements in array		ifft, ifftn
46	F	*Not used. False (literal)*		exponents of prime factorization	fft, fftn
47	G	Paste from clipboard G (user-input)	plot	imwrite / imagesc / image / imshow	appearance of graphics / format
48	H	Paste from clipboard H	Copy to clipboard H	advanced plotting functions	
49	I	Paste from clipboard I	Copy to clipboard I	col2im	image processing functions
4A	J	Paste from clipboard J	Copy to clipboard J		symbolic-specific functions
4B	K	Paste from clipboard K	Copy to clipboard K		
4C	L	Paste from clipboard L (multi-level)	Copy to clipboard L (multi-level)	gallery	
4D	M	Paste from clipboard M (function-input)	mode		
4E	N	stack size	nchoosek (array)	NaN	isnan
4F	O	zeros	datestr	datenum	datevec
50	P	flip	flipud	pi	pdist2 / entries below diagonal
51	Q	increment by 1	accumarray	rat	polyval / roots / polyfit / inpolygon
52	R	triu	triu(…,1) / build matrix	tril	tril(…,-1) / build matrix
53	S	sort	sortrows	circshift	sign / fftshift / linspace
54	T	*Not used. True (literal)*		toeplitz	
55	U	str2num / string to array / square	str2double		
56	V	num2str			
57	W	2 raised to input			
58	X	*Not used*	regexp	regexprep	
59	Y	*Not used*		inf	isinf
5A	Z	*Not used*			
5B	[	*Not used. Array delimiter*	ind2sub		
5C	\	mod	mod(…-1)+1	left matrix divide	divisors
5D	]	end (loops or conditional branches)	sub2ind		
5E	^	.^	sqrt	matrix power, or sum of matrix powers	Cartesian power
5F	_	unary minus / normalize uint8			
60	`	do...while	while	tic	toc
61	a	any	any(…, 1)	padarray / unpad array	base2base
62	b	bubble		strsplit	
63	c	char (also for cell array)	cat	strcat	strjoin / convert to '#' and char 0
64	d	diff	diag / spdiags	blkdiag	gcd
65	e	reshape / squeeze		expm / logical "infinite" graph power	exp / Levenshtein distance
66	f	find	strfind	factor / divide by gcd	
67	g	logical / cell2mat	ndgrid	gamma / gammainc / betainc	gammaln / betaln
68	h	horzcat	{…, …}	hankel	hypergeom
69	i	input	urlread	imread	
6A	j	input(…,'s')	real	imag	conj / real and imag
6B	k	lower / floor	upper / ceil	closest values	
6C	l	ones	clamp (limit to a range)	log. With two inputs, specifies base	log2
6D	m	ismember	ismember(…,'rows')	mean	lcm
6E	n	numel / size	nchoosek (numbers) / multinomial c.	poly / interp1	
6F	o	double / cell array to numeric / parity	int64	round / change case	fix
70	p	prod	prod(…, 1, ...)	cumprod	isprime / totient function
71	q	decrement by 1	quantile	n-th prime / next prime	primes
72	r	rand	randn	randi	randsample / shuffle
73	s	sum	sum(…, 1, ...)	cumsum	std / cov / skewness / kurtosis
74	t	duplicate elements			strrep
75	u	unique	unique(,…'rows')		strjust
76	v	vertcat		eig / svd / strtrim	symmetric range / array / deblank
77	w	swap			
78	x	delete from stack	clc		
79	y	duplicate element	eye	hypot	size
7A	z	nnz / cellfun(@nnz, ...)	nonzeros / remove whitespace		
7B	{	*Not used. Cell array delimiter*	num2cell	mat2cell	mat2cell(x,ones(size(x,1),1),size(x,2))
7C	|	abs / norm / determinant	union	or	bitor
7D	}	else / finally			split array
7E	~	Not	setxor	xor	bitxor