You can do "mat	th" with characters
'd' - 'a'	% Produces 3
'9' – '8'	% Produces 1
'a' < 'd'	% Produces 1 (= true)
'd' < 'b'	% Produces 0 (= false)
'Z' < 'b'	% Produces 1 (= true)
	% Because 90, the ASCI1 code for 'Z',
	% is less than 98, the ASCII code for '
'a' + 2	% Produces 99
char('a'+2)	% Produces 'c'







## Dot-Operators Matlab is especially set up for Linear Algebra Thus, "\*", "/", and "^" correspond to matrix operations Term-by-term operators use ".\*", "./", and ".^" Matlab documentation calls these "array operations" (as opposed to "matrix operations") Why doesn't Matlab include operators ".+" and ".-"?

Examples		<ul> <li>Exception to shape matching</li> <li>Scalars follow special rules</li> </ul>	
a = [4 8 12] b = [1; 2; 4]	% Column vector % Error	"A scalar can operate into anything"     Scalar examples	
a + b			
a + b'	% [5 10 16]	a + 1	% [5 9 13]
		10 + a	% [14 18 22]
a ./ b	% Error	2 .* a	% [8 16 24]
a' ./ b	% [4; 4; 3]	a ./ 2	% [2 4 6]
		24 ./ a	% [6 3 2]
		a .^ 2	% [16 64 144]











