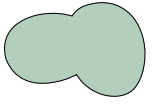
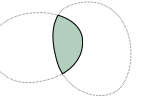
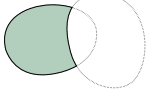
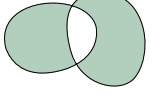
Language	MATLAB/Octave	Python	R	

Create sets	`a = [ 1 2 2 5 2 ];`
	`b = [ 2 3 4 ];`
		`a = array([1,2,2,5,2])`
		`b = array([2,3,4])`
		`a = set([1,2,2,5,2])`
		`b = set([2,3,4])`
			`a <- c(1,2,2,5,2)`
			`b <- c(2,3,4)`	

Set unique	`unique(a)`	`unique1d(a)`
		`unique(a)`
		`set(a)`
			`unique(a)`	$\begin{bmatrix} 1 & 2 & 5 \end{bmatrix}$

Set union	`union(a,b)`	`union1d(a,b)` `a.union(b)`	`union(a,b)`	
Set intersection	`intersect(a,b)`	`intersect1d(a)` `a.intersection(b)`	`intersect(a,b)`	
Set difference	`setdiff(a,b)`	`setdiff1d(a,b)` `a.difference(b)`	`setdiff(a,b)`	
Set exclusion	`setxor(a,b)`	`setxor1d(a,b)` `a.symmetric_difference(b)`	`setdiff(union(a,b),intersect(a,b))`	

True for set member	`ismember(2,a)`	`2 in a`
		`setmember1d(2,a)`
		`contains(a,2)`
			`is.element(2,a)` or `2 %in% a`	