### Chapter 1&2

* combining two or more simpler functions can create a more complex function, which can also be done by adding, subtracting, multiplying, or dividing functions.
  + Ex:

=

* Ex: and

### Chapter 3&4

* \
* the domain of the is the intersection of the domains of and

### Chapter 5

* two functions can be combined using a process called composition. The composition of and is denoted by , whereas the composition of and is denoted by . (g
* Ex: and