Linear Function – Review



where A and B are not both zero, A, B and C are preferably integers and A0

• Parallel lines have identical slope.

• Perpendicular lines have slopes that are negative reciprocals of one another.

Domain (D) and Range (R)

- A function from a set D to a set R is a rule that assigns a unique element in R to each element in D.
- Domain and range can be described as intervals. The endpoints of an interval are the boundary and are called the boundary points. The remaining points are the interval's interior and are called the interior points.
- **A Closed Interval:** an interval that contains the boundary points.

- **An Open Interval:** an interval that does not contain any boundary points. That is every point in the interval is an interior point.
- Some intervals are closed on one side and open on the other side. These intervals are neither open nor closed.