**Linear Functions: Slope NotesEquations in Two Variables**

**Slope: the steepness of a line represented by the variable *m.***

**M= rise/run**

 **Find the slope of a ski run that descends 15 feet for every horizontal change of 24 feet.
**



 So, the slope of the ski run is $-\frac{5}{8}$.



 **Find the slope of the line that passes through *C*(2, 5) and *D*(3, 1).**

slope = Slope formula

 = (*x*1, *y*1) = (2, 5); (*x*2, *y*2) = (3, 1)

 = or −4 Simplify.