**Equations in Two Variables**

**Slope**



**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 .



**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.