

Coreq Support for Section 2.3

Topic 1: Adding, Subtracting, Multiplying and Dividing Fractions

Topic 2: Finding Intercepts

Recall from section 2.1 that a **y-intercept** is the y -coordinate of a point where a graph touches or crosses the y -axis and that an **x-intercept** is the x -coordinate of a point where a graph touches or crosses the x -axis.

When given an equation in two variables, we can find the intercepts as follows.

Finding x-intercepts: Set all values of the variable y equal to 0 and solve for x .

Finding y-intercepts: Set all values of the variable x equal to 0 and solve for y .

Topic 3: Rearranging Linear Equations

When working with a linear equation in two variables, it is often convenient to rearrange the equation so that the y -variable is by itself on one side of the equal sign.