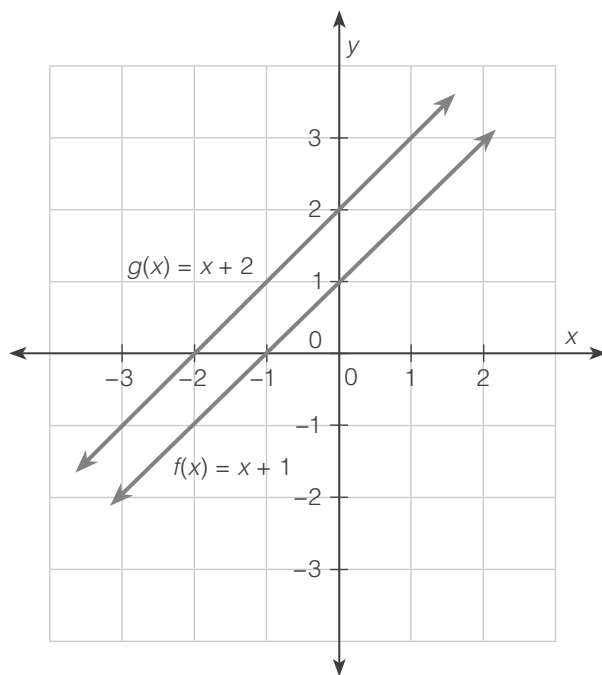


Graphical Connections of the Product of Linear Functions

Examine the graphs of $f(x) = x + 1$ and $g(x) = x + 2$ provided below.



1. Predict when the graph of the product of these two functions will be below the x-axis.
2. Graph the outcome of multiplying these two functions.
3. Determine the connections between the x-intercepts in the graphs.

