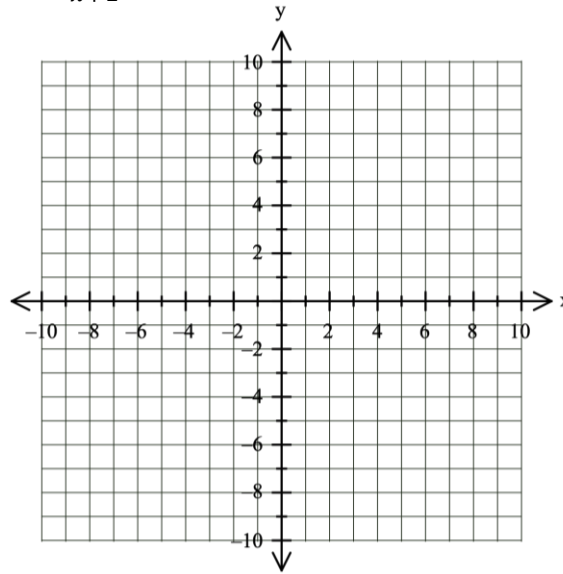


The problems below relate to your objectives.

1. Self-assess your understanding of each objective – Identify Yes, Maybe No for each problem.
2. Solve each problem – look up problems you can't solve, then go back and solve it again.
3. Re-assess your understanding. If you are still unsure about a problem, mark this as needing study and identify what you're going to study.

*Graph rational functions and identify key features of rational functions.*

List the key features of the function  $f(x) = \frac{4}{x+1} - 3$  and graph it by hand.



List key features for the function (don't graph)  $g(x) = \frac{2x^2+28}{(x+2)(x-7)}$

Yes    Maybe

Re-assess  
Yes    Maybe    No  
Study:

*Simplify rational expressions*

a.  $\frac{x^3 + 3x^2}{x + 3}$

b.  $\frac{x^2 + 6x + 5}{x^2 - 25}$

Yes    Maybe

Re-assess  
Yes    Maybe    No  
Study:

