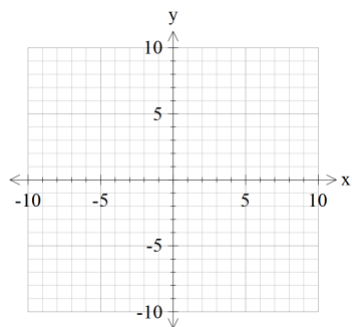


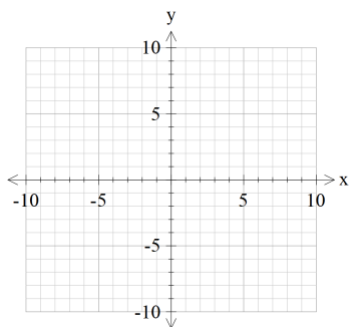
40S Pre-Calculus: Practice on Graphing Rational Functions

Graph the following rational functions. Answers are shown on other side.

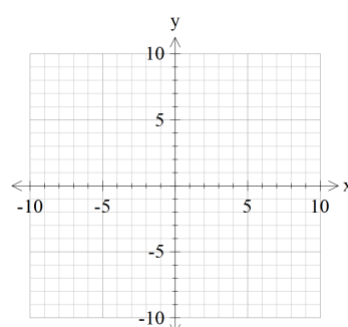
1. $y = \frac{x+1}{x+3}$



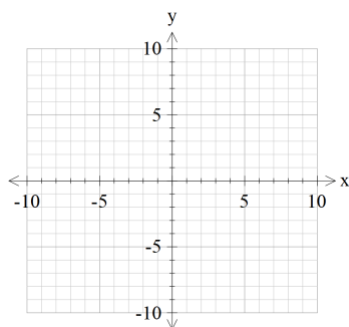
2. $y = \frac{x-5}{x+1}$



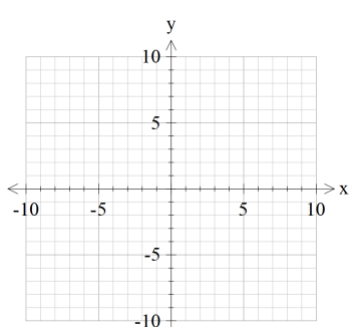
3. $y = \frac{x-4}{x-3}$



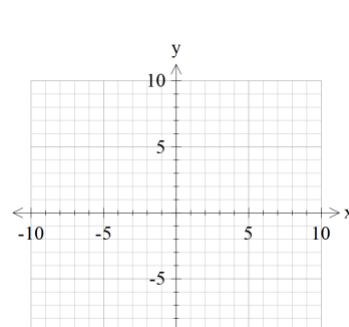
4. $y = \frac{x+1}{x-6}$



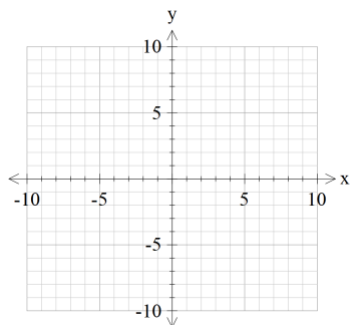
5. $y = \frac{(x+1)}{x-2}$



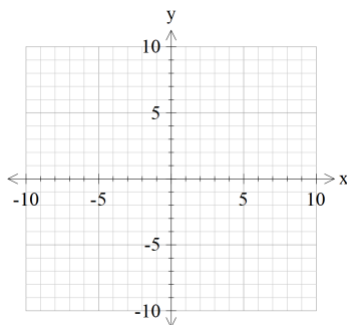
6. $y = \frac{x+3}{x-3}$



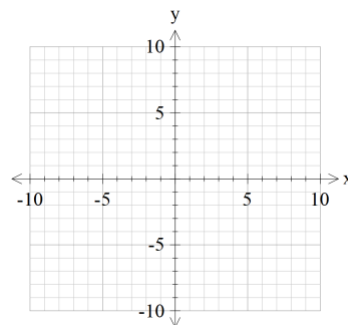
7. $y = \frac{x^2+4x-12}{(x+6)(x+1)}$



8. $y = \frac{(x-2)(x+1)(x-4)}{(x+1)(x-2)}$

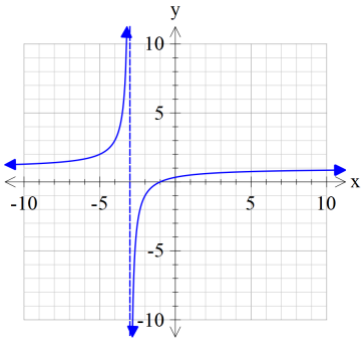


9. $y = \frac{x^2-4x-5}{x^2-9x+20}$

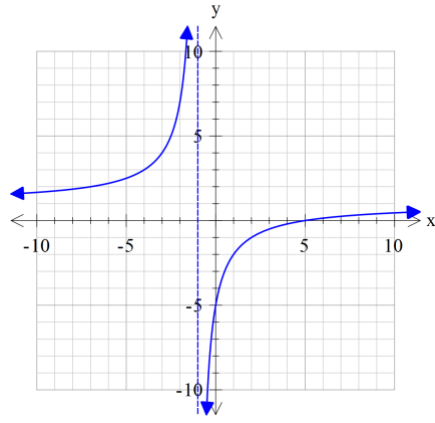


Answers:

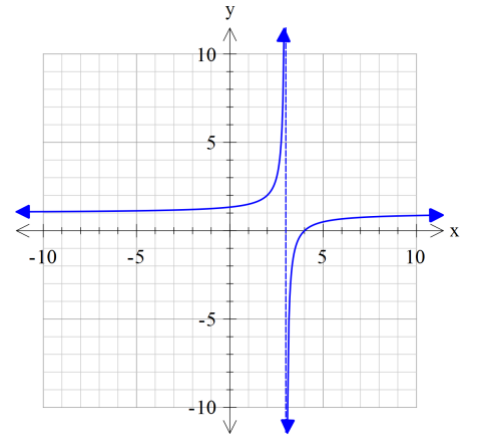
1.



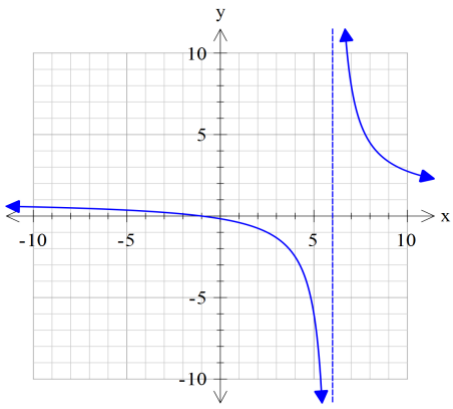
2.



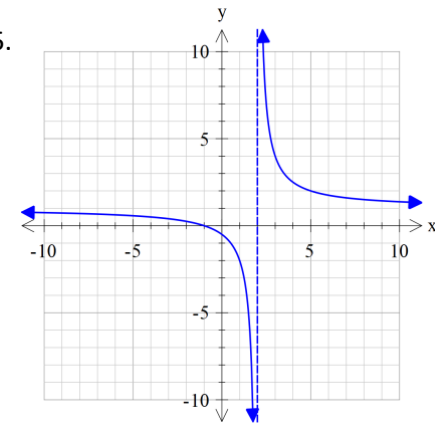
3.



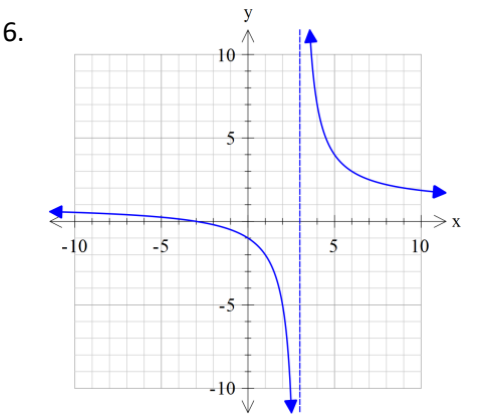
4.



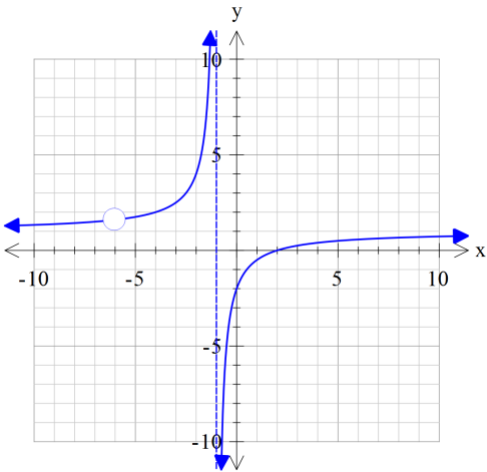
5.



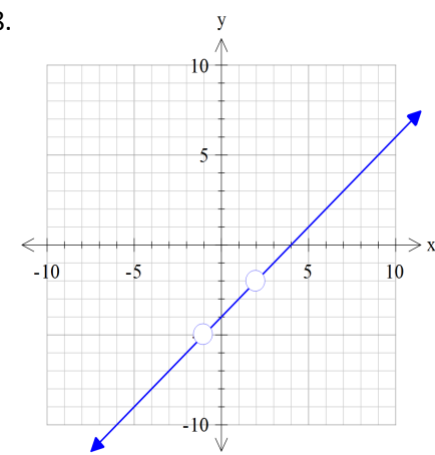
6.



7.



8.



9.

