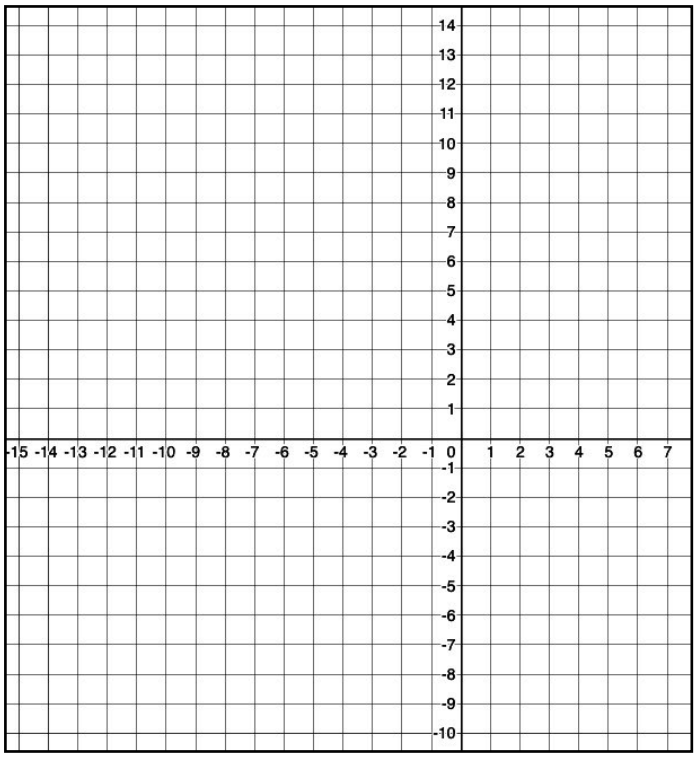
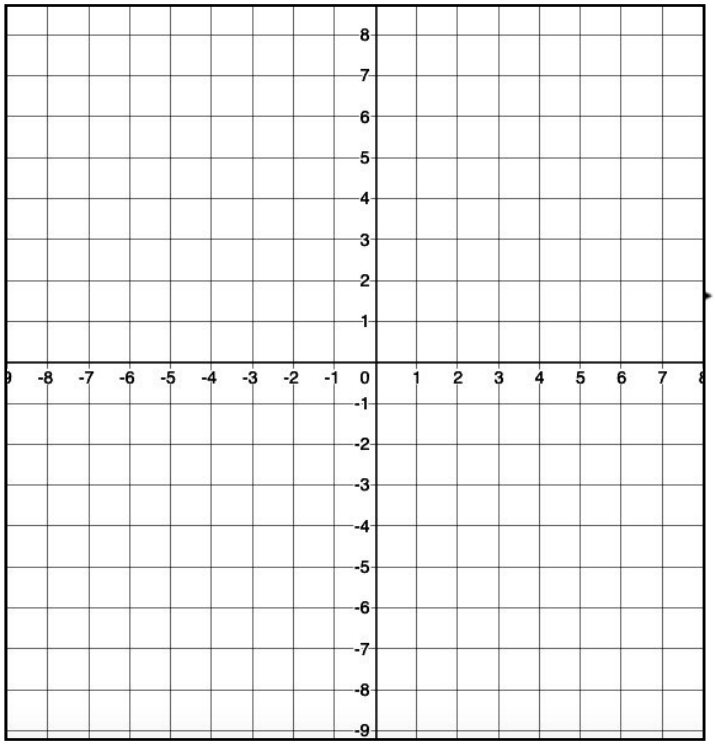
MORE Graphing Rational Functions Part 2 - Non-Transformational



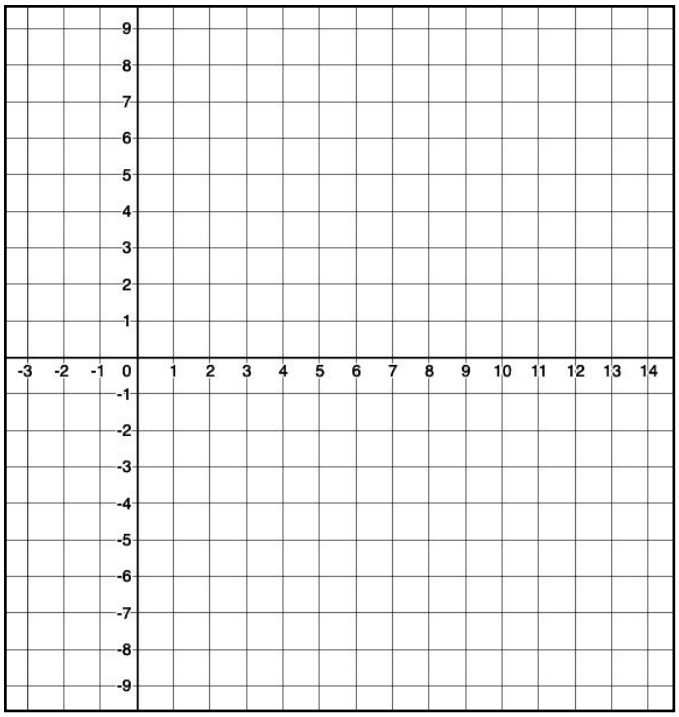
$$f(x)=\frac{x^2-16}{x^2+7x+12}$$

| | |
|---|---|
| $x$-intercepts: | |
| Vertical Asymptotes: | |
| Horizontal Asymptotes: | |
| Holes: | |
| $y$-Intercept(s): | |
| Domain: | |
| Range | |



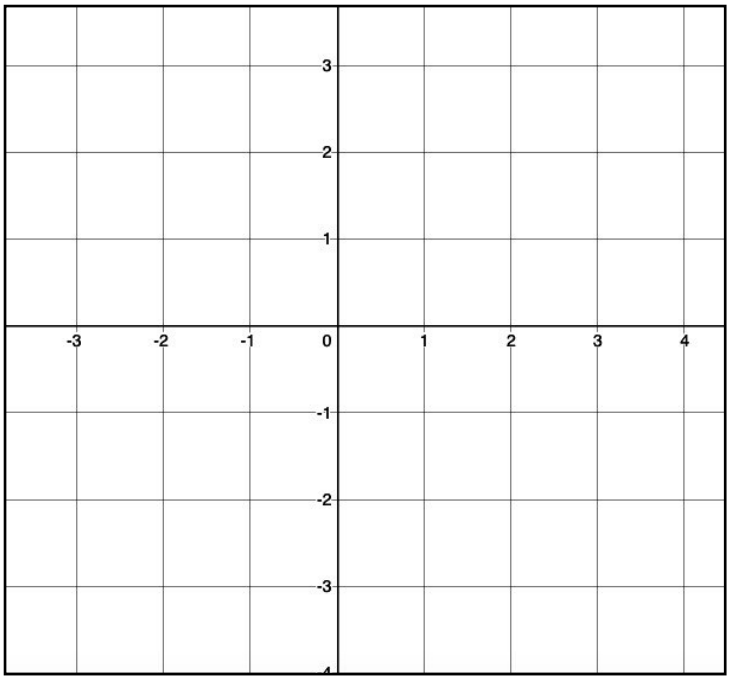
$$f(x)=\frac{x}{x^2-9}$$

| | |
|---|---|
| $x$-intercepts: | |
| Vertical Asymptotes: | |
| Horizontal Asymptotes: | |
| Holes: | |
| $y$-Intercept(s): | |
| Domain: | |
| Range | |



$$f(x)=\frac{x^2+x}{x^2-6x-7}$$

| | |
|---|---|
| $x$-intercepts: | |
| Vertical Asymptotes: | |
| Horizontal Asymptotes: | |
| Holes: | |
| $y$-Intercept(s): | |
| Domain: | |
| Range | |



$$f(x)=\frac{-2x(x+3)}{x(2x-1)(x+3)}$$

| | |
|---|---|
| $x$-intercepts: | |
| Vertical Asymptotes: | |
| Horizontal Asymptotes: | |
| Holes: | |
| $y$-Intercept(s): | |
| Domain: | |
| Range | |