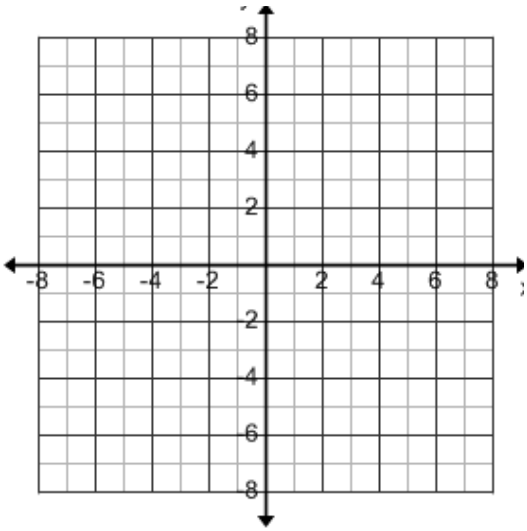
MHF 4UI
Unit 2
Rational Functions

Day 6
Graphing Rational Functions II

o) $f(x) = \dfrac{x^2 - 4}{x + 3}$



a) the x and y intercepts.

b) the domain.

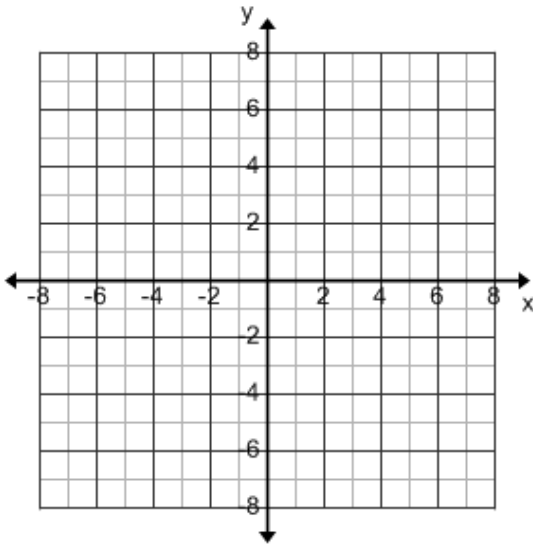
c) the equation(s) of the vertical asymptotes and how the function behaves near the asymptote(s).

d) the equations of the horizontal asymptotes and how the function behaves near the asymptote.

e) if the curve crosses the horizontal or oblique asymptote, determine the point of intersection.

f) sketch the graph

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



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