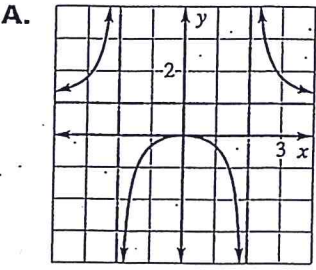
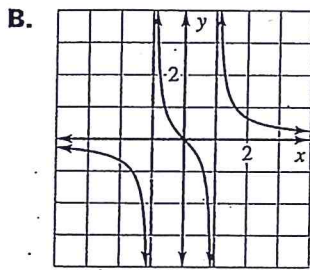


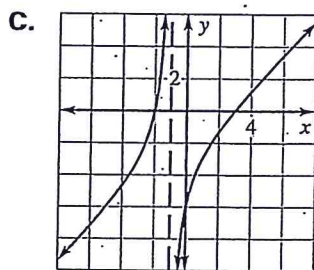
7.  $y = \frac{x}{x^2 - 1}$



8.  $y = \frac{x^2}{x^2 - 4}$



9.  $y = \frac{x^2 - x - 6}{x + 1}$



Identify the x-intercept(s) and vertical asymptote(s) of the graph of the function.

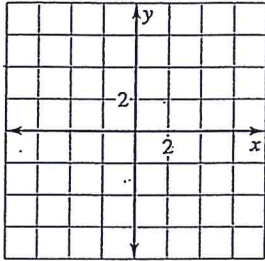
1.  $y = \frac{-6}{x^2 - 2}$

2.  $y = \frac{x^3 + 1}{x^2 + 5}$

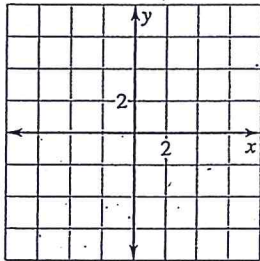
3.  $y = \frac{2x^2 - 7x + 3}{x^2 - \frac{1}{4}}$

Graph the function.

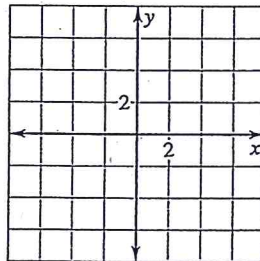
4.  $f(x) = \frac{-5x}{x^2 - 9}$



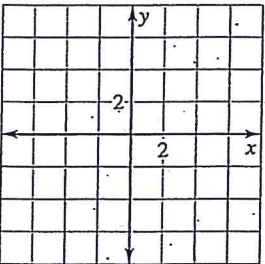
5.  $f(x) = \frac{2x^2 + 3x - 9}{x}$



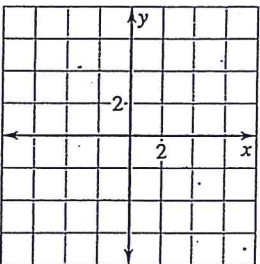
6.  $f(x) = \frac{x^2 + x - 20}{x^3 - 8}$



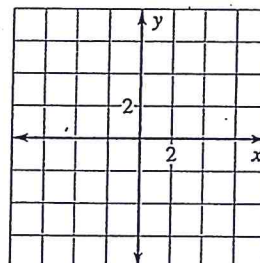
7.  $f(x) = \frac{3x^2 + 2x - 8}{x^2 + 3}$



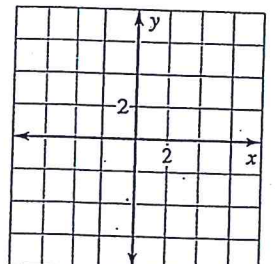
8.  $f(x) = \frac{x^2 + 3x + 21}{3x^2 - 16}$



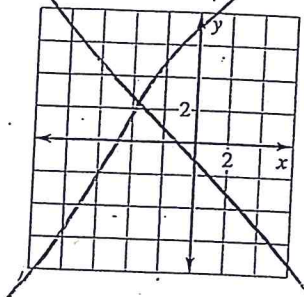
9.  $f(x) = \frac{2x^2 + 3}{x^3}$



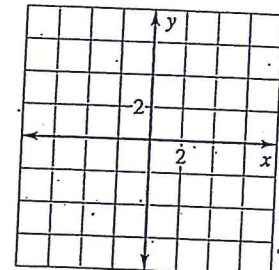
14.  $f(x) = \frac{2x + 4}{x^2 - 16}$



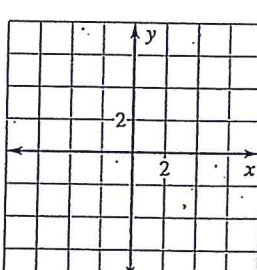
~~12.  $f(x) = \frac{2x^4}{x^2 + 5x + 4}$~~



13.  $f(x) = \frac{x - 3}{2x^2 + 5x - 12}$



14.  $f(x) = \frac{5x^2 + 7x + 2}{2x^2 - 8}$



15.  $f(x) = \frac{x^2 - 25}{x - 4}$

