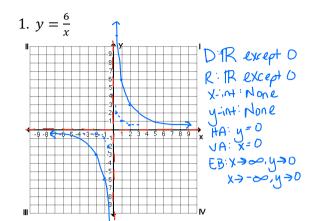


Graph each function and state the domain, range, intercepts, horizontal asymptote, vertical asymptote, and end behavior.



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

D: (R except 0

R: (R except 3)

X-int: $\frac{2}{3}$

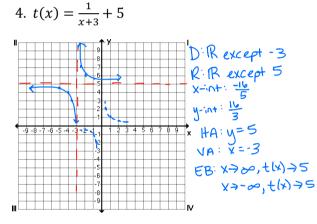
y-int: None

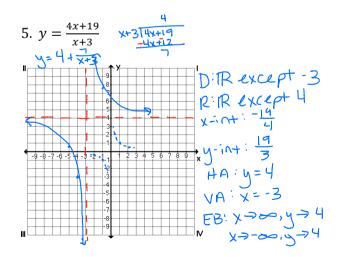
HA: $y = 3$

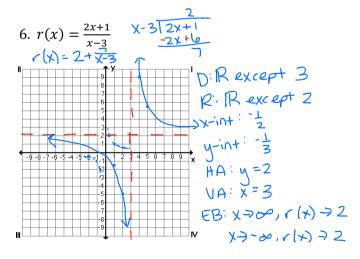
XA: $x = 0$

EB: $x \to \infty$, $f(x) \to 3$

X $\to -\infty$, $f(x) \to 3$

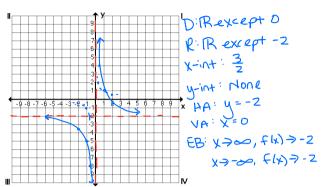






Algebra 2 Graphing Rational Functions

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



8.
$$h(x) = \frac{3x-2}{x-4}$$

