Warm Up

1.Find the constant(s) *a* such that the function is continuos on the entire domain.

$$f(x)=\begin{cases}3x^2, & x\geq 1\\ ax-4, & x<1\end{cases}$$

2. Find the value(s) of c such that the function f is continuos on $(-\infty,\infty)$

$$g(x)=\begin{cases}x^2+1, & x\leq c\\ 2x, & x>c\end{cases}$$

1.5 Infinite Limits

Thursday Quiz 1.5

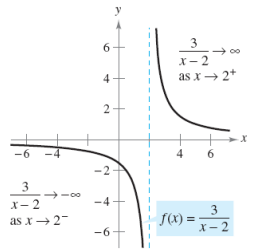
Objective: Given the definition of an infinite limit and a limit at infinity students will be able to find the limits of such functions.

Quiz ~~3.5~~ Friday Review ~~Mon~~ & ~~Tues~~ ~~Wed~~

Ch 1 AB No Pass

Fast track to Ch 1

Assess Thur.



$f(x)$ increases and decreases without bound as x approaches 2.