name:	
mame.	

 ${f 1}$ (6 points). Compute the following limits:

- (a) $\lim_{x \to 3^+} \frac{2}{(x-3)^3}$ (b) $\lim_{x \to 3^-} \frac{2}{(x-3)^3}$
- (c) $\lim_{x \to 3} \frac{2}{(x-3)^3}$

2 (6 points). Compute the following limits:

- (a) $\lim_{x \to 1^+} \frac{x}{|x-1|}$ (b) $\lim_{x \to 1^-} \frac{x}{|x-1|}$ (c) $\lim_{x \to 1^-} \frac{x}{|x-1|}$
- (c) $\lim_{x \to 1} \frac{x}{|x-1|}$

(Da) or b) - oo c) DNE b/c one sided limits are different.

a) oo b) oo c) DNE b/c it's oo.