DATE: _____

Infinite Limits – AP Practice Questions

2003 AP Multiple-Choice Non-Calculator

6. $\lim_{x\to\infty} \frac{x^3 - 2x^2 + 3x - 4}{4x^3 - 3x^2 + 2x - 1} =$

(A) 4 **(B)** 1 **(C)** ¼ **(D)** 0 **(E)** –1

2008 AP Multiple-Choice Non-Calculator

1. $\lim_{x\to\infty} \frac{(2x-1)(3-x)}{(x-1)(x+3)}$ is

(A) -3 **(B)** -2 **(C)** 2 **(D)** 3 **(E)** nonexistent