Reminders

- Our last class meeting is tomorrow, April 25
  (because Tuesday, April 30 is redefined as Friday).

- The comprehensive final exam takes place 3:00–5:00 in the
  afternoon of Thursday, May 2.

Review exercise on limits

Which of the following limits is largest? smallest?

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

2. $\displaystyle\lim_{x\to 2}\frac{\sin(\pi x)}{x^2-3x+2}$

3. $\displaystyle\lim_{x\to 2}\frac{\displaystyle\int_1^x e^{\sqrt{t}}\,dt - \int_1^2 e^{\sqrt{t}}\,dt}{x^2-3x+2}$

4. $\displaystyle\lim_{x\to 2^-}\int_{-2}^x \frac{1}{\sqrt{2-t}}\,dt$