

- Total points: 5+10 quiz points.
- Show *complete work*—that is, all the steps needed to completely justify your answer.
- *Simplify* your answers as much as possible.
- If you need extra space, work on the back and make a note on the front.

(1) Factor completely: $x^3 + y^3 =$

(2) Find the limit: $\lim_{x \rightarrow 0^+} x(\ln x)^2 =$