

“Quiz”

1. Do you know what the determinant of a matrix is? For 2×2 matrices? For 3×3 matrices? In general?
2. Do you know what eigenvalues (a.k.a. characteristic values) are?
3. What about fields? Algebras? Rings? Groups?
4. What other math courses have you taken? Are you taking any others this semester?
5. Which sorts of mathematics have you enjoyed the most, and which the least?
6. What did you cover in Math 261 last fall? (What do you remember? What were the mathematical highlights?)
7. Is there any particular (relevant) material you hope we cover in this course?