

Quiz 3 Calculus 2 Due 3/14/2014

Each problem is worth 5 points. Clear and complete justification is required for full credit. Answers should be submitted in person to Jon **before 2pm** on the due date.

1. Give the form for a partial fractions decomposition of $\int \frac{2x^3}{(x+2)(x^4-1)^2} dx$, or explain why one does not exist.

2. Evaluate $\int \frac{8}{(x-2)(x+6)} dx$.

