

Quiz 4 Calculus 2 2/15/2008

Each problem is worth 5 points. Clear and complete justification is required for full credit.

1. State the proper form for the partial fraction decomposition of $\frac{2x+1}{(x+1)^3(x^2+4)^2}$.

2. Find the values of A and B in $\frac{x-9}{(x+5)(x-2)} = \frac{A}{x+5} + \frac{B}{x-2}$.