

Project Based Math 112, Fall 2001

Partial Fractions

Activity, §5.7 (15 min)

1. $\int \frac{dx}{(x-3)(x+1)} =$

2. $\int \frac{x^3}{x^2+1} dx =$

3. $\int \frac{x+3}{x^2(x-1)} dx =$

4. $\int \frac{dx}{x^2+9} =$