

AP Calculus Integration with Partial Fractions Wkst

Integrate each.

1.  $\int_0^{1/2} \frac{dx}{1-x^2}$

2.  $\int_1^2 \frac{dx}{2x+x^2}$

3.  $\int_4^8 \frac{xdx}{x^2-2x-3}$

4.  $\int_1^2 \frac{x+4}{x+x^2} dx$

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

