

Nama : Rizky Firmansyah

Kelas : XII RPL 1

No. \_\_\_\_\_  
Date : \_\_\_\_\_

Die :  $y = -x^2 + 5$

$x = -1 \rightarrow a$   
 $x = 3 \rightarrow b$

$$\int_{-1}^3 -x^2 + 5 \, dx$$
$$\left[ -\frac{1}{3}x^3 + 5x \right]_{-1}^3$$
$$\left( -\frac{1}{3} \cdot 3^3 + 5 \cdot 3 \right) - \left( -\frac{1}{3} \cdot (-1)^3 + 5 \cdot (-1) \right)$$
$$( -9 + 15 ) - \left( \frac{1}{3} + (-5) \right)$$
$$6 - \left( \frac{-15+1}{3} = \frac{14}{3} \right)$$
$$\frac{18+14}{3} = \frac{32}{3}$$

No. \_\_\_\_\_

Date : \_\_\_\_\_

