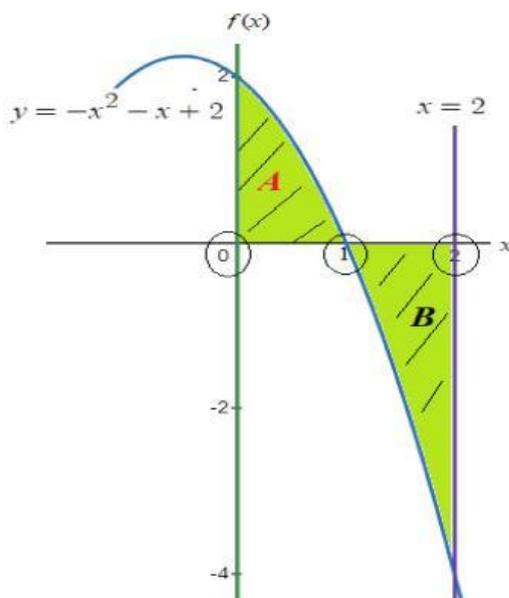


A. Fill in the blanks with the correct limit.

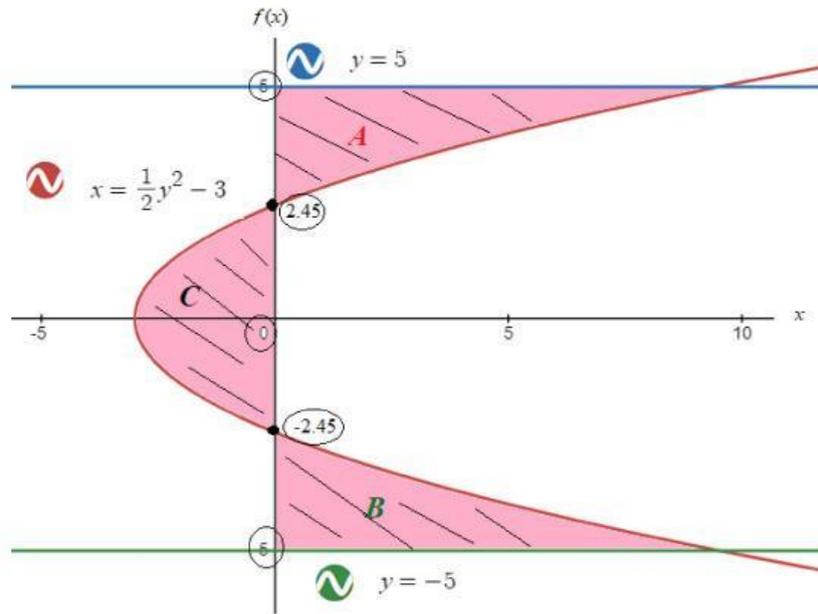
1.



$$\text{Area} = \mathbf{A} + \mathbf{B}$$

$$\text{Area} = \int_{\boxed{\phantom{0}}}^{\boxed{\phantom{1}}} -x^2 - x + 2 \, dx + \left| \int_{\boxed{\phantom{1}}}^{\boxed{\phantom{2}}} -x^2 - x + 2 \, dx \right|$$

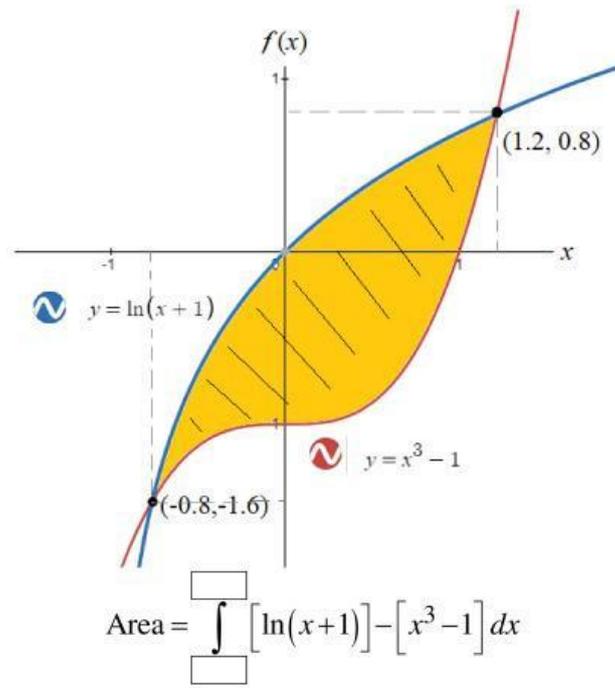
2.



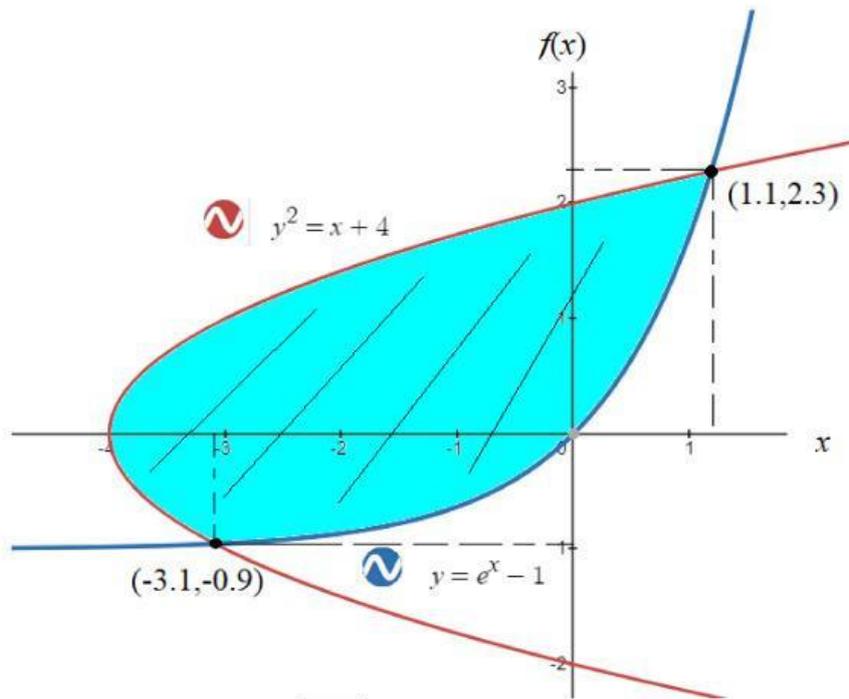
Area =  $A$  +  $B$  +  $C$

$$\text{Area} = \int_{\square}^{\square} \frac{1}{2}y^2 - 3 \, dy + \int_{\square}^{\square} \frac{1}{2}y^2 - 3 \, dy + \left| \int_{\square}^{\square} \frac{1}{2}y^2 - 3 \, dy \right|$$

3.



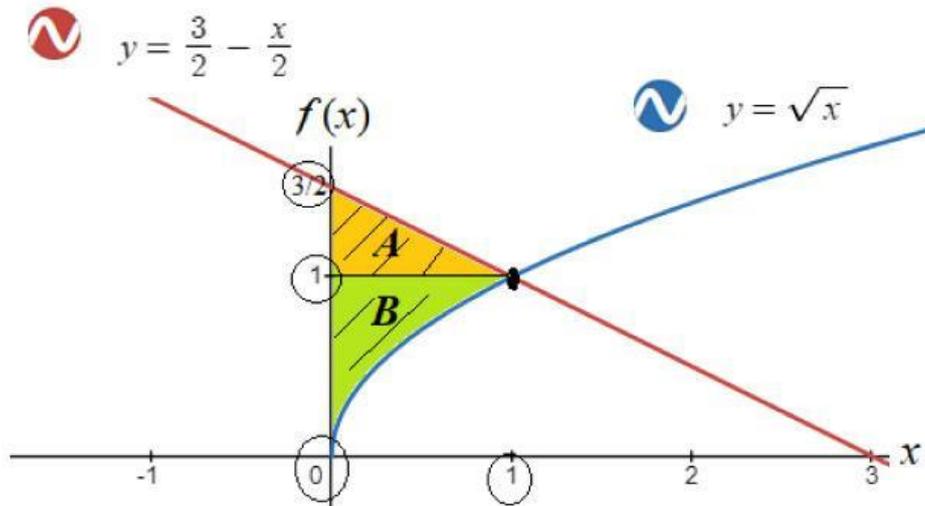
4.



$$\text{Area} = \int_{\square}^{\square} [\ln(y+1)] - [y^2 - 4] dy$$

**B. Fill in the blanks with the correct answer.**

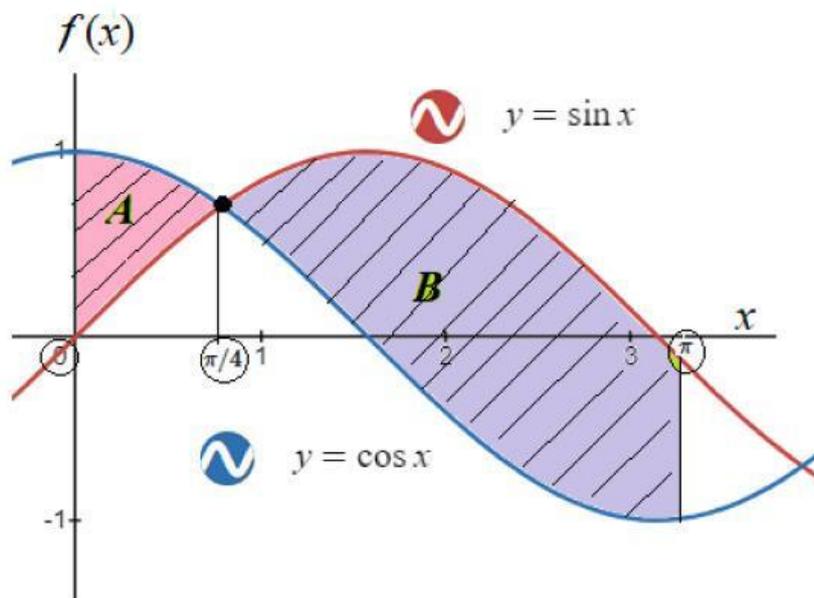
1.



Area =    A    +    B

Area =  $\int_{\square}^{\square} \square \square + \int_{\square}^{\square} \square \square$

2.



Area = **B** + **A**

$$\text{Area} = \int_{\pi/4}^{\square} \square - \square \square + \int_{\square}^{\pi/4} \square - \square \square$$