

NAME _____

SECTION #

 $\frac{20}{}$

1. ② $\frac{\ln 81}{\ln 3} = 2, 3, 4, 5, 6$ Ring the correct answer.

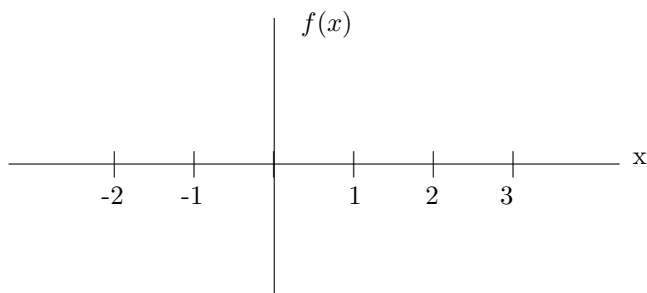
2. ② $\ln 8 + \ln 256 = a \ln 2$

3. ② $\left(\frac{d}{dx} \frac{x}{1+x^2}\right)_{x=1} =$

4. ② $\frac{d}{dx} \left(\exp \int_1^x p(s) ds\right) =$

5. ③ $\int_0^3 \frac{dx}{9+x^2} =$

6. ③ Draw the graph of $f(x) = x(1-x)(2-x)$ $-2 < x < 3$.



7. ⑥ $\frac{1}{x^3 - 3x^2 + 2x} = \frac{A}{x-a} + \frac{B}{x-b} + \frac{C}{x-c}$

$A =$, $a =$	$B =$, $b =$	$C =$, $c =$
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