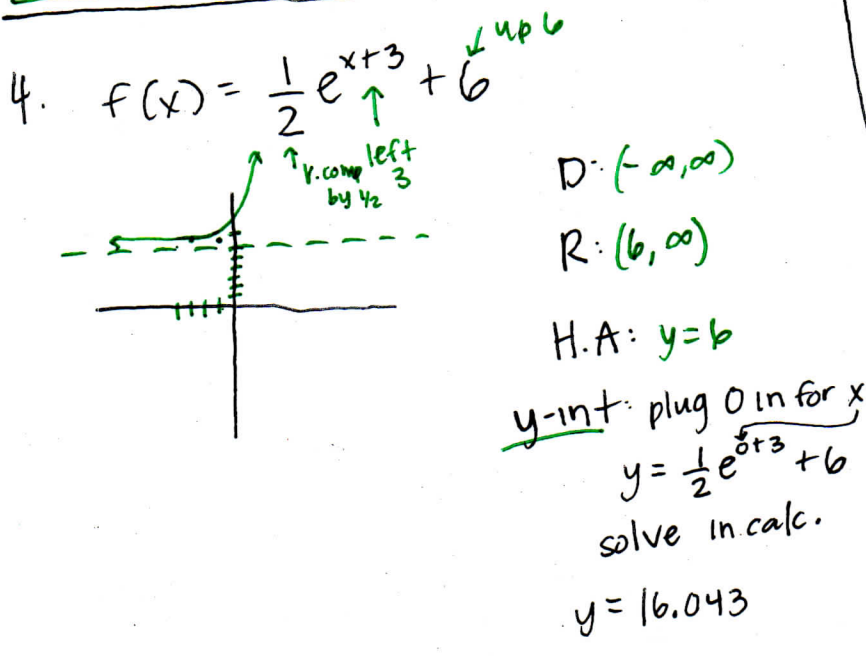
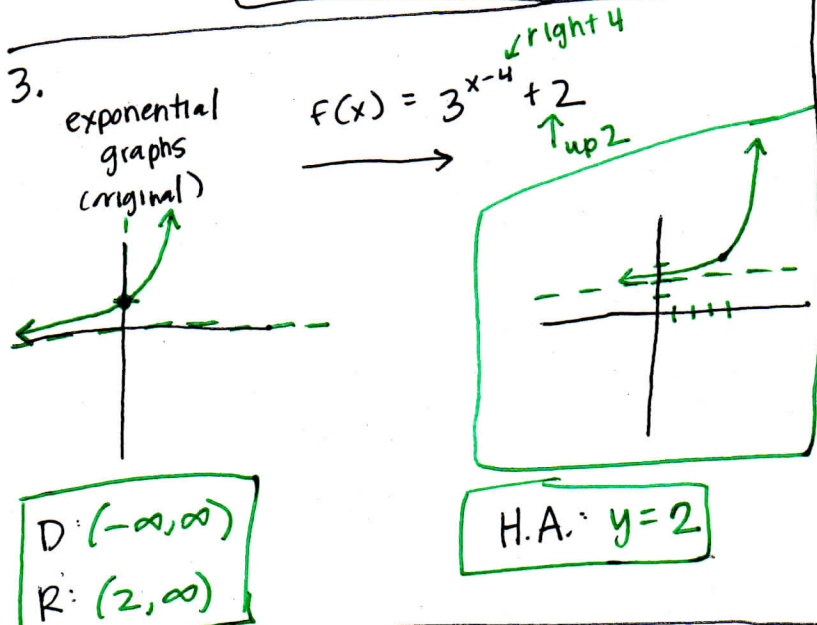


1. Enter $6.7(3.23)^{4.27}$ into calculator
 = 1000.851

2. $g(23) = 425.5e^{.4966(23)}$ (use calculator)
 = 38844029.73



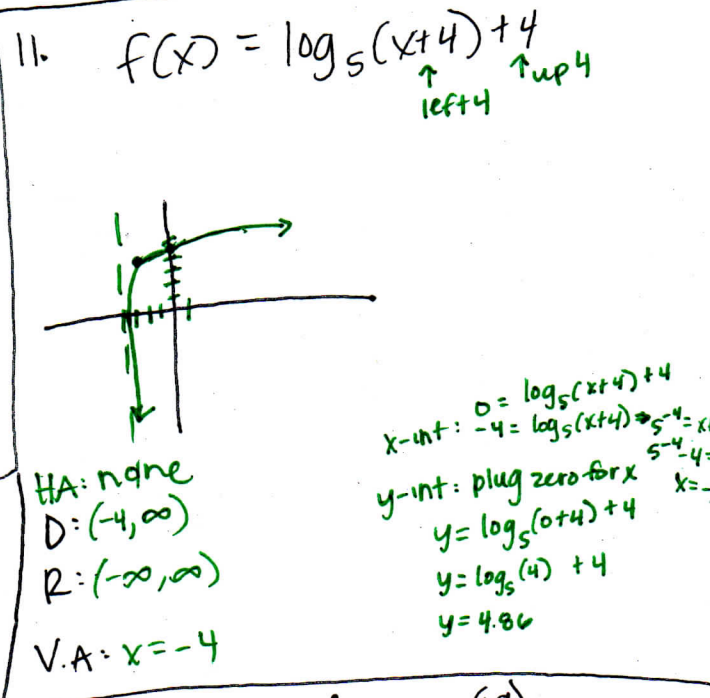
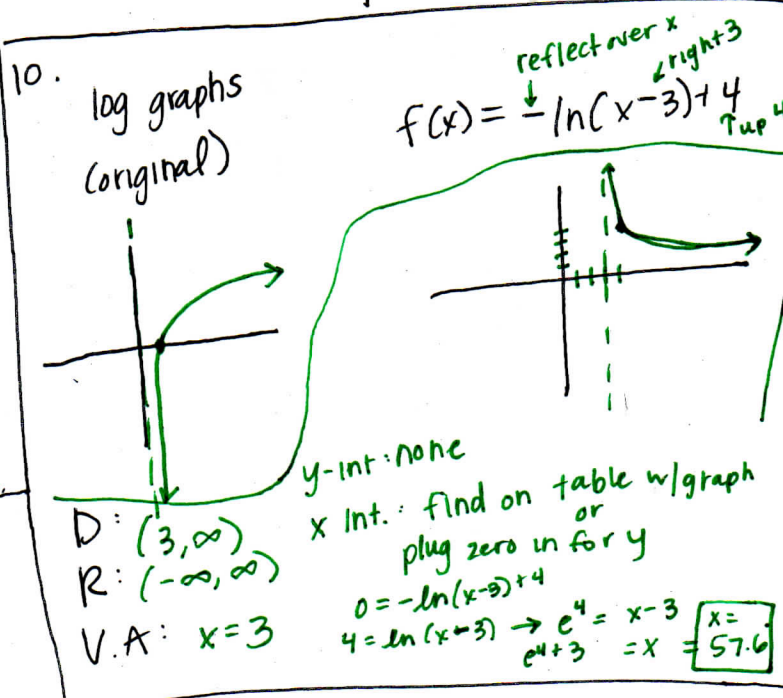
5. $P = 3000$
 $r = .08$ (8%)
 $n = 4$ (quarterly)
 $t = 14$ years

$A = 3000(1 + \frac{.08}{4})^{4 \cdot 14}$
 = \$9093.50
 ↑ total in account after 14 years

6. $5^7 = 78125$ | 7. $\log_3 1594323 = 13$

8. $\log_6 6^{-3} = x$ change forms
 $6^x = 6^{-3}$
 $x = -3$

9. $\log_{2^4} 2^3 = x$ change forms
 $(2^4)^x = 2^3$
 $2^{4x} = 2^3$
 $4x = 3$
 $x = 3/4$



12. plug into calc. $\frac{\log_{10}(19)}{\log_{10}(1/5)}$
16.15