

Page 166

5. a) $f(x) = \log_3(x + 2)$

b) $f(x) = \log_{\frac{1}{2}}(x - 3)$

Page 167

6. a) $f(x) = \log_2\left(\frac{1}{4}(x + 3)\right)$

b) $f(x) = \log_{\frac{1}{3}}3(x + 1)$