**6-1 Practice**

***Logarithms and Logarithmic Functions***

**Write each equation in exponential form.**

**1.**  216 = 3 **2.**  64 = 6 **3.**  = –4

**Write each equation in logarithmic form.**

**4.**  = 125 **5.**  = 1 **6.**  = 81

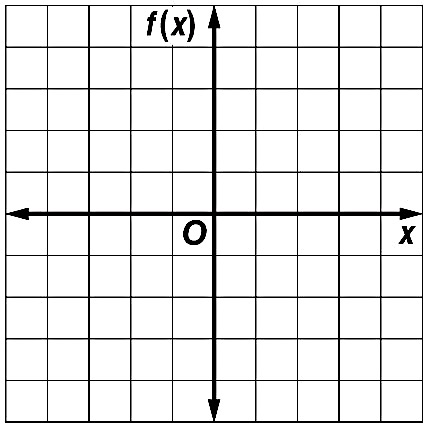
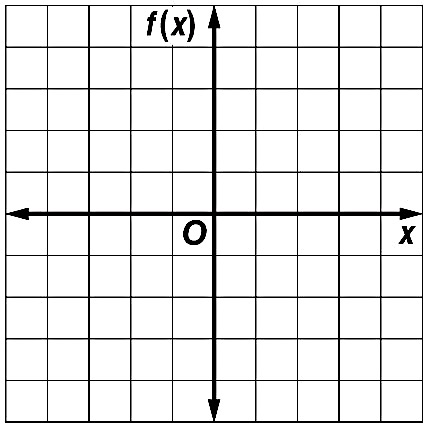
**Evaluate each expression.**

**7.**  81 **8.**  0.0001 **9.**  **10.**  27

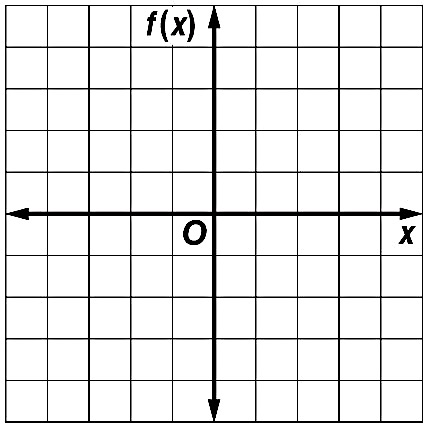
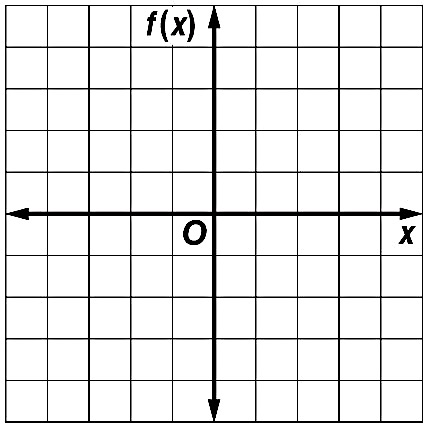
**11.**  1 **12.**  4 **13.**  **14.**

**Graph each function.**

**15.**  **16.** *f*(*x*) = – *x*



**17.**  **18.**



**19.**  **20.**

