

QUICK

NAME \_\_\_\_\_

- ① Make a rough graph of each function

$$y = x^2$$

$$y = x^{1/3}$$

$$y = \frac{1}{x}$$

$$y = |x|$$

$$y = x^3$$

$$y = \sqrt{x^{1/2}}$$

② Make a graph of  $f(x) = 2(x+3)^2 - 8$ ,  
label vertices and intercepts with  
their coordinates.