Name _____ Hour_____ Algebra 2

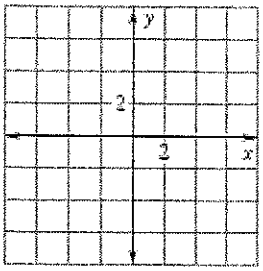
LESSON 7.1

Practice A

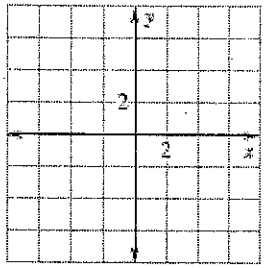
For use with pages 478-485

Graph the function. If the graph involves a transformation, sketch the graph of $f(x) = ab^x$ first, then show the translation. State the domain and range. Include a list of points that you plotted.

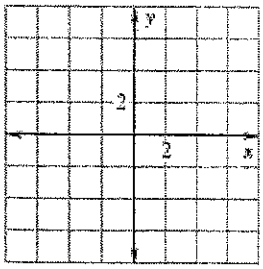
1. $f(x) = 4^x$



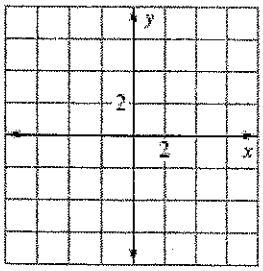
2. $f(x) = 3 \cdot 3^x$



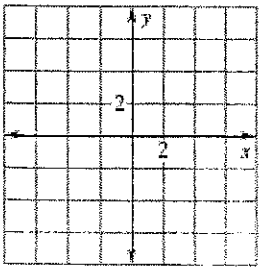
3. $f(x) = -5^x$



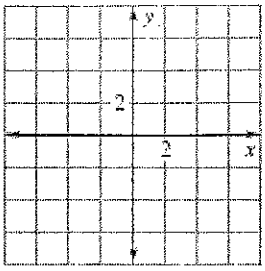
4. $f(x) = 2^x + 2$



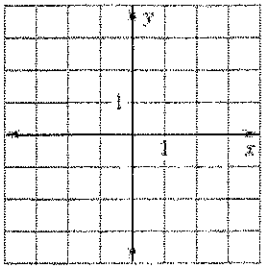
5. $f(x) = 3^{x+1}$



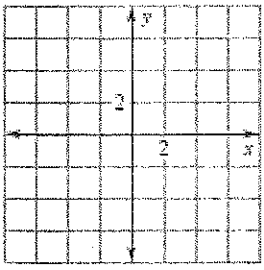
6. $f(x) = 2^{x-2} - 1$



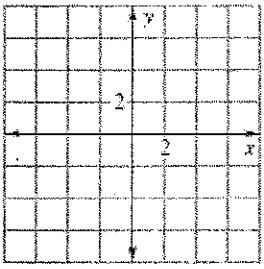
7. $f(x) = -4^{x-2}$



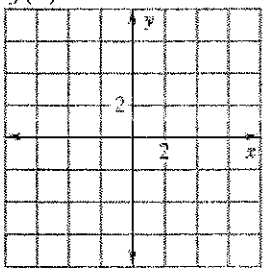
8. $f(x) = 2^x + 1$



9. $f(x) = -3^{x+1}$



10. $f(x) = 2^{x-2} - 3$



11. $f(x) = -2(3^{x+1}) + 2$