Day 06 Homework

-10

-10





- 10. COMPUTERS A school system is buying new computers. They will buy desktop computers costing \$1000 per unit, and notebook computers costing \$1200 per unit. The total cost of the computers cannot exceed \$80,000.
 - a. Write an inequality that describes this situation.
 - **b.** Graph the inequality.
 - c. If the school wants to buy 50 of the desktop computers and 25 of the notebook computers, will they have enough money?



Review of Transforming Functions: Given the following formula: f(x) = a | x - h | + k

- a is what causes the graph to _____
- h causes the function to shift ______.
- k causes the function to shift ______.
- Your starting point is always _____.

Write the function for each of the following graphs using the formula above. Take the parent function and apply the transformation to write your equation.



















