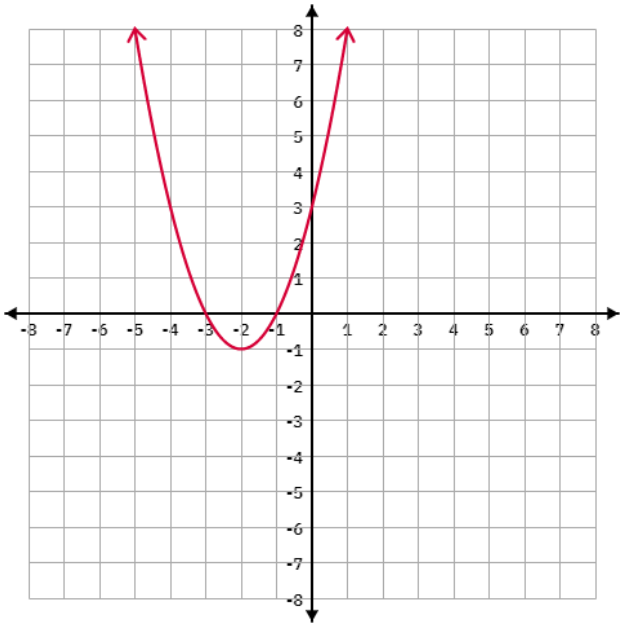
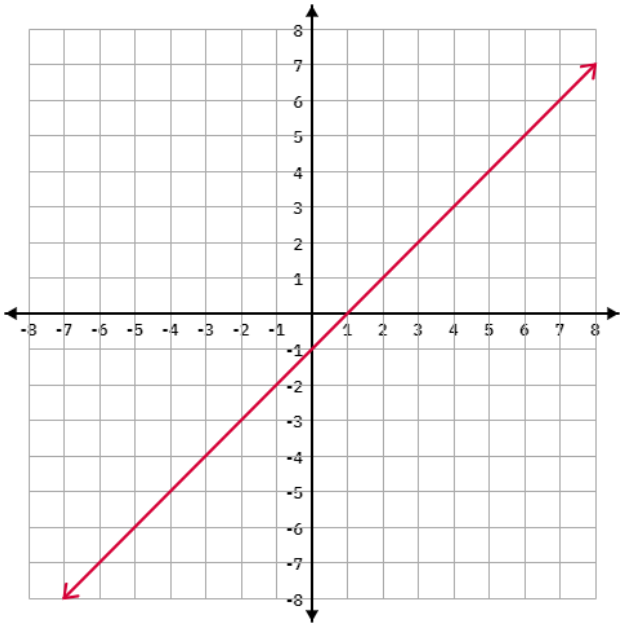
Baler: "squishes" function graph onto the *x*-axis
Trash compactor: "smashes" function graph onto the *y*-axis

Use the blank graph to draw each function graph after it has been through the baler. Write an inequality that describes what you see. Then repeat the process using the trash compactor.

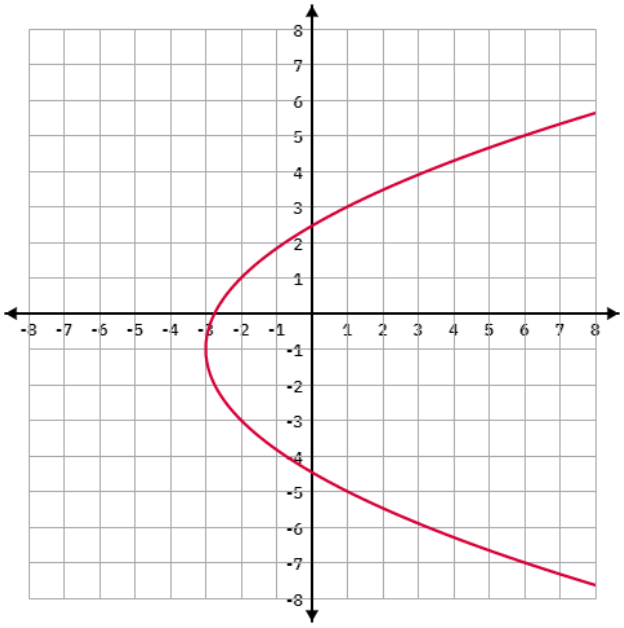
#1.



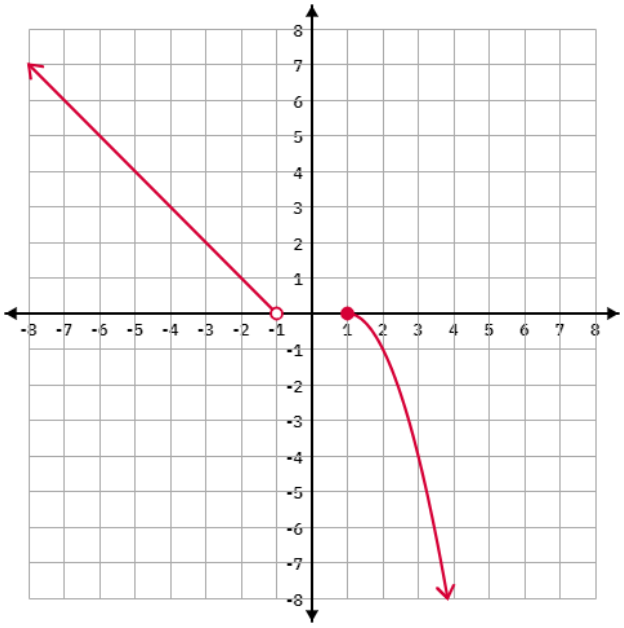
#2.



#3.



#4.



#1. Baler: all real numbers (every x)
Trash compactor: $y \geq -1$

#2. Baler: all real numbers (every x)
Trash compactor: all real numbers (every y)

#3. Baler: $x \geq -3$
Trash compactor: all real numbers (every y)

#4. Baler: $x < -1 \text{ or } x \geq 1$
Trash compactor: all real numbers (every y)