



Name: _____

Review of Domain and Range



Imagine a toaster....with your group discuss items that a person typically would put into a toaster.

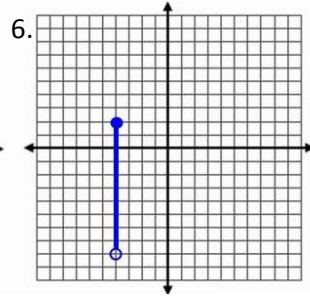
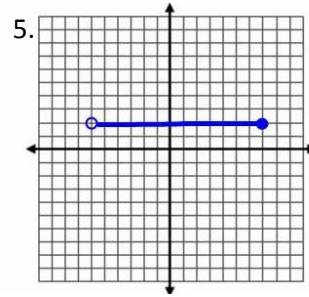
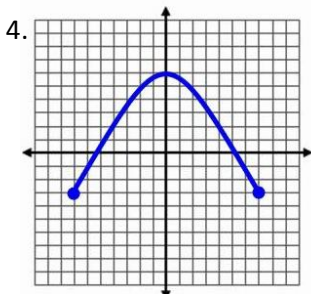
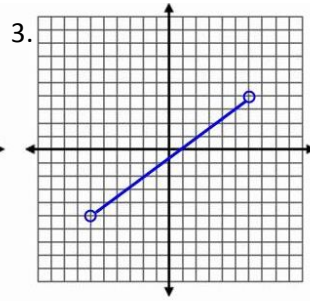
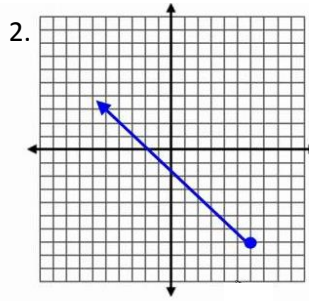
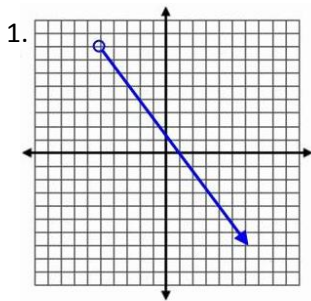
What happens to those items after they have been put into the toaster?

Now think of a car...what are some materials people put into their cars? What is the result?

Finally, what are some items/materials you CANNOT put into a toaster/car? What happens?

A. Find the domain and range of each function below.

Write your answer using _____ notation.



7. $g(w) = 4.5x + 9$

8. $f(x) = 2x^2 - 3$

9. $g(x) = x^3 + 4$

10. $h(x) = \sqrt{x} + 2$

11. $h(x) = \sqrt{x - 4} + 1$

12. $h(x) = \sqrt{x + 2} - 8$