Functions Quiz 2 Review

Be able to Graph Functions (fill in a table and graph on the coordinate plane).



Graph each function. Find at least 7 points for each. Show all work.

slower pace than before.



7) The graph shows the distance (in miles) of a delivery truck from the factory.

a. What is the domain? What is the range?

b. When is it increasing? What does this mean in context?

c. When is it decreasing? What does this mean in context?

d. When is it constant? What does this mean in context?

e. What are the x intercepts?

f. What are the y intercepts?

g. What is the maximum?

8) A restaurant sells ice tea for \$1.50 for each cup. A group of six people order drinks. a. Write a rule in function notation for this situation.

b. What is a reasonable domain and range for the function?

9) Ms. Bolus drives at a speed of 60 miles per hour to get to Birmingham to see her family. Birmingham is about 180 miles from Nashville.

a. Write a rule in function notation for this situation.

b. What is a reasonable domain and range for the function.

