

NAME _____

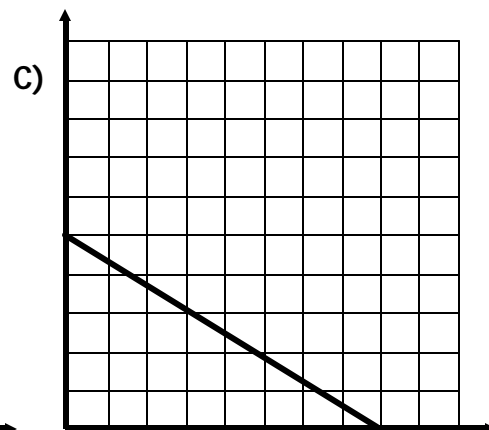
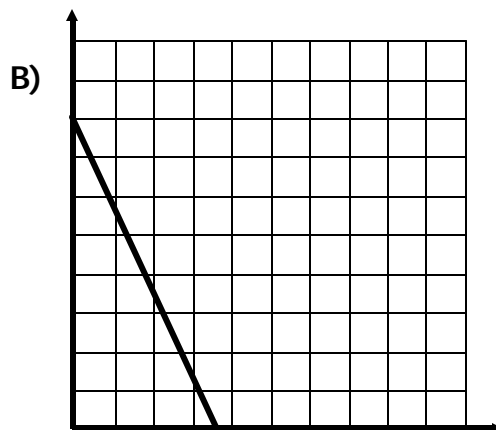
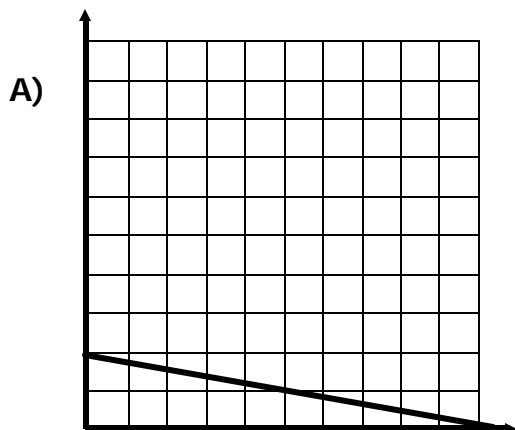
Section 4.5

Date _____ Period _____

ALGEBRA

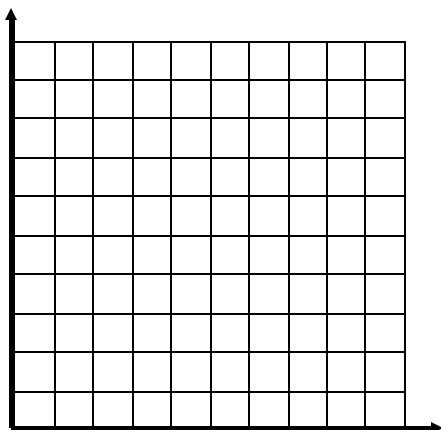
Stories to Graphs: Practice A

Directions: For the questions below, look at graphs A), B), and C) representing the amount of water emptying from a bottle

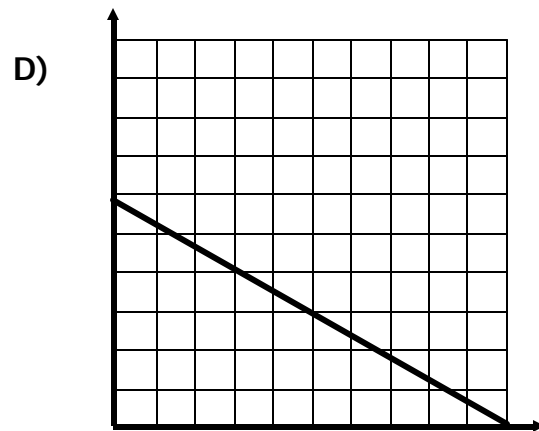
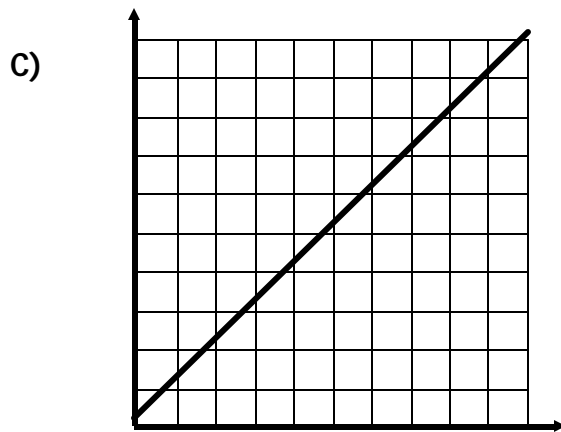
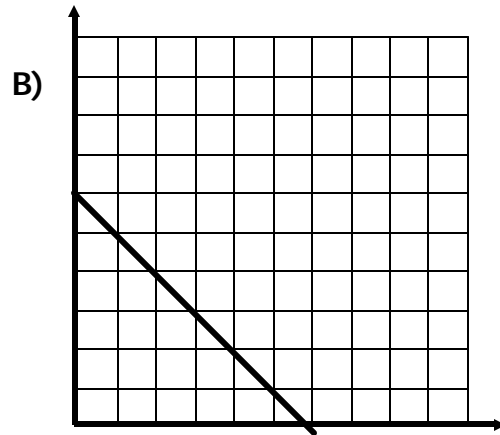
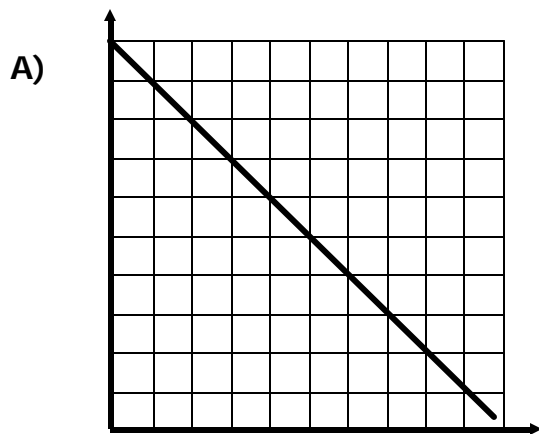


- 1) Which graph started with the most water? _____
- 2) Which graph has the water emptying the fastest? _____
- 3) How much water (in liters) did graph C) start with?
- 4) How long did it take graph B) completely empty? (Hint: Where it touches the x-axis) ____
- 5) About how fast does graph B) empty (Hint: What is the slope)? _____

6) Doug starts with \$8, and spends \$1 each day. Draw a graph to illustrate Doug's money.



- 7) A bottle of water is being emptied. If the water is pouring out at a rate of one liter per minute, and the bottle started with 6 liters, which graph best represents this relation?



- 8) A bath tub starts with 5 gallons of water. The water empties at a rate of $\frac{1}{2}$ gallon per hour. Draw a graph below that represents this relationship.

