Warm-Up 107

1) 58,212 ÷ (-9) =
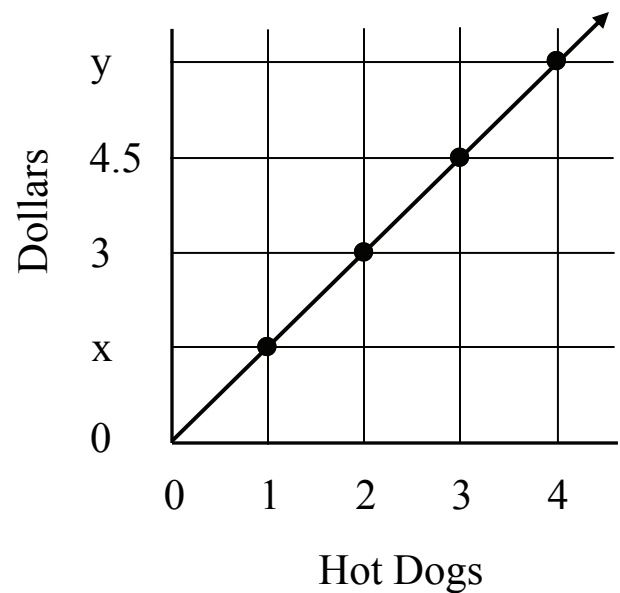
2) Combine like terms: 62x - 38y - 81z - 22y + 49z - 44x

3) Two number cubes are rolled. Is rolling a sum less than ten a likely event, unlikely event, or neither?

4) What is the area of a circle that has a diameter of 12 inches? (Use 3.14 for pi.)

5) The two quantities represented in the graph below are in a proportional relationship. Find the values of x and y.