

Name _____ Date _____

Discrete or Continuous?

Determine whether each relationship represents a graph that would be discrete or continuous.



1 total cost, y, of buying x cans of soup Discrete Continuous	2 number of kittens, y, in x pet stores Discrete Continuous	3 total cost, y, of buying x pounds of grapes Discrete Continuous
4 total distance ridden on a bike, y, over x days Discrete Continuous	5 temperature in Ireland, y, over a period of time, x Discrete Continuous	6 number of bagels, y, needed to feed x employees Discrete Continuous
7 number of baseball cards, y, in x collections Discrete Continuous	8 number of heads, y, when flipping x coins Discrete Continuous	9 students' grade levels, y, in a math class Discrete Continuous
10 height of students, y, in a physical education class Discrete Continuous	11 weight of students, y, in a physical education class Discrete Continuous	12 number of marbles, y, in x jars Discrete Continuous
13 number of grammatical errors, y, in x books Discrete Continuous	14 profit earned, y, by x companies Discrete Continuous	15 number of road accidents, y, in x days Discrete Continuous