DOMAIN AND RANGE RESTRICTIONS

A local theater sells admission tickets for $9 on Thursday nights. At capacity the theater holds 100 customers.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range:

Joy's grandmother cans homemade applesauce around the holidays to raise money for the local foodbank. She earns a profit of $2.79 for each jar she sells.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range:

On Black Friday, the local electronics store is selling copies of Call of Duty WWII for $45 each. The store has only 100 copies of the video game in stock.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range:

Bruce earns $8.50 per hour at his part time job. His parents are worried about him keeping up with his grades, so he is allowed to work a maximum of 10 hours each week.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range:

A plane can carry a maximum cargo weight of 160,000 pounds. A company uses one of these planes to ship 2,000 pound containers.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range:

Carla charges $15 per hour to clean houses. She also charges $10 for cleaning supplies. Because Carla has so may clients, she refuses to spend more than 4 hours cleaning a single house.

_____ depends on _____.

Dependent Variable:

Independent Variable:

Discrete or Continuous?

Domain:

Range: