Joel Mwambayi
Demarcus George
Nick Gay
Tanner Ellenberger

Assignment 3
CIS 310-02
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14.

Booth_Product	Booth_Price
Chips	1.5
Chips	1.25
Cola	1.25
Chocolate Bar	1
Energy Drink	1

16.

Booth_Product	Booth_Price
Energy Drink	2

17.

Machine_Product	Machine_Price
Chocolate Bar	1

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17.

Table	Primary Key	Foreign Key
Truck	Truck_Num	Base_Code, Type_Code
Base	Base_Code	None
Type	Type_Code	None

18.

Table	Entity Integrity	Explanation
Truck	Yes	Contains all unique entities
Base	Yes	Contains all unique entities
Type	Yes	Contains all unique entities

19.

Table	Referential Integrity	Explanation
Truck	Yes	Contains foreign keys that relate to Type & Base tables
Base	No	NA
Type	No	NA

20. The Candidate Keys for the truck table are: Truck_Num, Truck_Miles, Truck_Buy_Date, Truck_Serial_Num

21. **Truck Super Keys:** Truck_Num, Truck_Serial_Num   **Truck Secondary Keys:** Base_Code, Type_Code, Truck_Buy_Date, Truck_Serial_Num

Base Super Keys: Base_Area_Code   **Base Secondary Keys:** Base_City, Base_State, Base_Area_Code, Base_Phone

Type Super Keys: Type_Code   **Type Secondary Keys:** Type_Description