**Beef Industry – Wholesale and Retail Cuts**

**Competency:** FL DOE 06.05 – Investigate the nature and properties of food, fiber, and by-products from animals.

**Directions:** The figure below showcases the wholesale and retail cuts of beef. Using this figure and the word bank provided, match the terms to the letters located on the carcass. Once you have identified the term for a specific letter, place that letter with the term in the word bank. The highlighted words have been provided to aid in identifying the position of the carcass.



**Tail**

**Back Legs**

**Front Legs**

**Neck**

**Word Bank**

|  |  |  |
| --- | --- | --- |
| Plate **Letter: \_\_\_\_** | Flank**Letter: \_\_\_\_** | Round**Letter: \_\_\_\_** |
| Sirloin**Letter: \_\_\_\_** | Fore Shank**Letter: \_\_\_\_** | Brisket**Letter: \_\_\_\_** |
| Rib**Letter: \_\_\_\_** | Chuck**Letter: \_\_\_\_** | Short Loin**Letter: \_\_\_\_** |

**Beef Industry – By-Products**

**Directions:** The figure below showcases an array of by-products that are produced from beef cattle. Surprisingly, cows produce more products than beef! For this portion of the assignment, please take a walk throughout your house to see how many beef by-products are within your home. If you were able to locate the item in your home, simply place an **X** next to the term in the word banks provided.

**From Fat**

Chewing Gum

Candles

Detergents

Deodorant

Shaving Cream

Perfume

Pet Food

Cosmetics

Cream and Lotions

Crayons

Paint

Oil

Biodiesel

Plastics

Waterproofing Agents

Cement

Ceramics

Chalk

Fertilizer

Antifreeze

Insulation

Rubber

Medicines

**From Skin**

Gelatin

Flavorings

Emery Boards

Sheet Rock

Wallpaper

Adhesives

Medicines

Candies and Confectionary



**From Hair**

Air Filters

Brushes

Felt

Insulation

Plaster

**From Hooves and Horns**

Adhesives

Plastics

Pet Food

Plant Food

Photo Film

Shampoo and Conditioner

Emery Boards

Lamination

Wallpaper

Plywood

By-Product List from Farm Credit Knowledge Center: [www.farmcreditknowledgecenter.com](http://www.farmcreditknowledgecenter.com)

**From Milk**

Adhesives

Plastics

Cosmetics

Medicines

**From Blood**

Pasta

Cake Mixes

Dyes and Inks

Adhesives

Minerals

Medicines

**From Bones**

Refined Sugar

Charcoal

Fertilizer

Glass

**From Manure**

Fertilizer

Nitrogen

Phosphorus

**From Brain**

Anti-Aging Cream

Medicines

**From Internal Organs**

Instrument Strings

Tennis Racquet Strings

Enzymes

Vitamins

Medical Materials