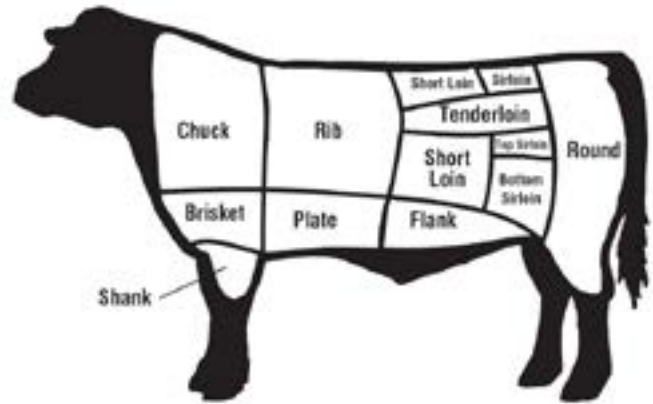


Cattle Connection

Cattle are an important source of food, including beef, dairy products and milk. Surprisingly, cattle are also very important to sports, automobiles (brake fluid) medicine (Vitamin B-12), and art (ceramics, crayons). One cannot drive a car without the by-products of cattle.

By-products are the secondary products from the cow that are a result of processing. They are used to create industrial, household, health, and food products people consume or use every day. Some examples are: cosmetics, deodorants, detergents, mouthwash, paper, perfume, shaving cream, soap, and toothpaste.

Cattle have always been used for much more than just food. Cattle contribute a great power source in the world. According to the Food and Agriculture Organization (FAO) of the United Nations (UN), 50 percent of the world's people still count on cattle to plow their fields, move heavy objects, provide power to operate machinery and provide transportation to move goods to market.



Over the years, cattle producers have improved America's favorite beef cuts to make it leaner. Now 29 cuts of beef meet government guidelines for lean!

They include:

- | | | |
|--------------------------------------|----------------------------|------------------------|
| Bottom Round Roast | Round Tip Roast | Tenderloin Steak |
| Bottom Round Steak | Round Tip Steak | Top Loin (Strip) Steak |
| Bottom Round (Western Griller) Steak | Shank Cross Cuts | Top Round Roast |
| Brisket, Flat Half | Shoulder Center (Ranch) | Top Round Steak |
| Chuck Shoulder Pot Roast | Shoulder Petite Medallions | Top Sirloin Steak |
| Chuck Shoulder Steak | Sirloin Tip Center Roast | Tri-Tip Roast |
| Eye Round Roast | Sirloin Tip Center Steak | Tri-Tip Steak |
| Eye Round Steak | Sirloin Tip Side Steak | T-Bone Steak |
| Flank Steak | Steak | 95% Lean Ground Beef |
| Round Steak | Tenderloin Roast | |

Activity

Look through the grocery advertisements in the newspaper for the 29 cuts of lean beef. Cut the advertisements out and paste them on a board from most expensive to least expensive. Compare the differences in prices and explain why some cuts cost more than others.

California Standards:

Grade 3 ELA CC: RI.3.2, RI.3.3, SL.3.1, SL.3.2, SL.3.3; Math CC: 3.NBT.2 Grade 4 ELA CC: RI.4.2, RI.4.3, SL.4.1, SL.4.2, SL.4.3; Math CC: 4.NF.7 Grade 5 ELA CC: RI.5.2, RI.5.3, SL.5.1, SL.5.2, SL.5.3 Grade 6-8 ELA CC: RI.6.1, RI.7.1, RI.8.1, SL.6.1, 1a, 1b, 1c, 1d, SL.7.1, 1a, SL.8.1, 1a; Math CC: 6.NS.7b