

# Beef Math Match-Up

The answers to the math problems below provide the missing information for the beef facts. Solve the math problems.

$12 \div 6 = \underline{\quad} \text{ A}$

$200 \div 10 + 5 = \underline{\quad} \text{ B}$

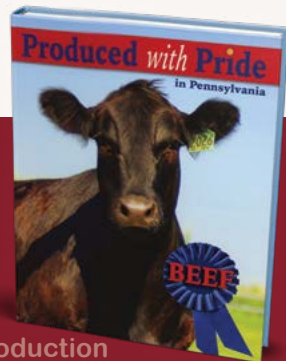
$10 \times 4 = \underline{\quad} \text{ C}$

$(100 \times 7) + (10 \times 2) = \underline{\quad} \text{ D}$

$200 - 70 = \underline{\quad} \text{ E}$

Match the letter of each math problem answer to the number of the sentence where it will correctly complete the beef fact.

- The average herd size for beef cattle in the United States is \_\_\_\_\_.
- \_\_\_\_\_ countries import beef from the United States.
- It takes about \_\_\_\_\_ years for beef to go from the pasture to your plate.
- Three ounces of beef top sirloin has \_\_\_\_\_ grams of protein.
- The hamburger from a single steer will make \_\_\_\_\_ hamburger patties.



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- Learn more about the sustainability of beef production

# Positively 4 Kids!

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Do you enjoy a burger? Do you play soccer or football? Beef farmers make these things possible. The United States produces 18% of the world's beef with just 8% of its cattle. Beef farmers are focusing on raising cattle using methods that are socially responsible, environmentally sound, and economically viable. This will allow them to continue to sustainably raise beef for us to enjoy!

## Beef Scramble

Unscramble the words below to complete the sentences. Then use the highlighted letters to solve the riddle.

Cattle can eat S E R S R G A, but humans cannot.



Beef is a good source of O N T P R E I, which helps build muscle.



Gelatin from beef cattle is used to make O L J E L, a wiggly, fruity treat!



S U G N A is a breed of beef cattle that is all black or red.



A E F E D O L T is a place where beef cattle have constant access to food and water.



A B L L B S K A T A E is made from the hide of cattle.



A E F E B R A M F E R cares for cattle that are raised for their meat.



What do you call a cow with no legs?



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PENNSYLVANIA BEEF COUNCIL  
Funded by Beef Farmers and Ranchers

Last Issue Winner  
Angela Preniczky  
Lancaster County

# Raising Beef

Sustainably

## Streambank Fencing

Farmers place fencing to keep cattle from streams. This reduces erosion and also prevents the water from being polluted.

## Ruminants

About 80% of what cattle eat cannot be eaten by people. We simply can't digest it. Cattle are ruminants. They have four stomach compartments that allow them to digest grasses.

## Upcyclers

Beef cattle spend most of their lives in pastures grazing on grasses. This uses land that otherwise couldn't be used for food production to produce a quality food source for us.

## Recyclers

Cattle are natural recyclers. Food products, like low-quality chocolate, potato peels or damaged pasta, that don't meet standards for human consumption can be used as sources of carbohydrates in animal feed. What would normally become waste is part of the balanced nutrition plan for cattle in a feedlot.

## Efficient Production

By focusing on improving animal health, nutrition and genetics, today's farmers can produce the same beef products they did in 1977 with 33% fewer animals.

## Reduced Emissions

Carbon footprint is the amount of carbon dioxide a person or group emits into the atmosphere. United States beef production has one of the lowest carbon footprints in the world. Beef cattle account for only 2% of the total U.S. greenhouse gas emissions.

## Efficient Harvesting

When a beef animal is harvested, it is done in such a way that there is little wasted. Nearly all of the animal is used to give us nutritious meat products, as well as other items we use every day!

