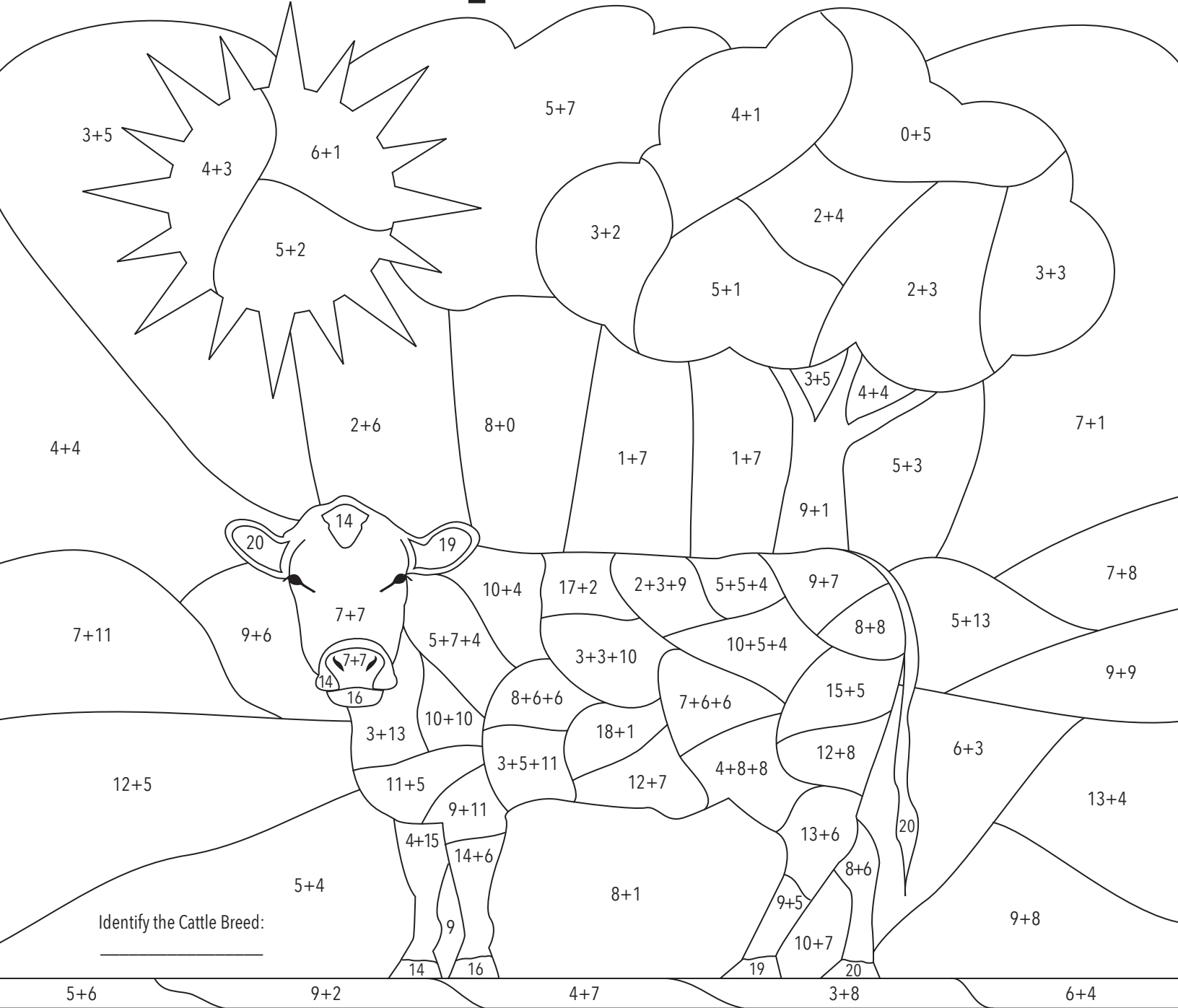


Beef Up Your Addition



Identify the Cattle Breed:

Answer: Angus

INSTRUCTIONS

Solve the math problems, then using the key, color the picture. Identify the Cattle Breed you colored by reading the California Cattle Breed Facts.

- Yellow = 7
- Light Blue = 8
- Light Green = 5, 6, 9, or 17
- Reddish-Brown = 13
- Dark Green = 15 or 18
- Pink = 3
- White = 12
- Black = 14, 16, 19, or 20
- Brown = 10 or 11
- Tan = 4

CALIFORNIA CATTLE BREED FACTS

ANGUS cattle originated in Scotland and can be solid black or red. Angus cattle are polled, meaning they don't have horns.

HEREFORD cattle originated in England and are reddish-brown with all white faces. They also have white on their chest, belly, and legs. Hereford cattle have horns. Polled Hereford cattle do not.

CHAROLAIS cattle originated in France and are white or light tan in color. Charolais have horns, so are dehorned at a young age.

SIMMENTAL cattle originated in Switzerland and are usually reddish-brown with some white markings. Simmental cattle are among the oldest and most widely distributed breeds in the world.

GELBIEH cattle originated in Bavaria, in Southern Germany. Gelbvieh cattle are reddish-brown and were not introduced into the U.S. until the 1970's.

Beef Up Your Addition

Think Like a Cattle Rancher!

A

B

Pen #1



Cattle need water. How much they need depends on their size, the temperature outside, and if they are producing milk. Seventeen cows drink water. Fifteen more cows drink water. How many cows drink water in all?

Pen #3



Male cattle used for breeding are called bulls; female cattle that have given birth (calved) are called cows, and young cattle (under 1 year) are called calves. A rancher has two bulls, sixteen cows, and fourteen calves. How many cattle does the rancher have altogether?

Pen #2



Cattle seek shelter from the weather when it is cold in the winter or hot in the summer. This could include a barn, an overhead shelter, or trees. Thirty-two cows are in the barn. A rancher brings in twenty-eight more. How many cows are in the barn?

Pasture #1



Ranchers must keep careful records about their animals. Rancher Susan has 23 cows. The first year, she adds 21 new calves to her herd. The second year, she adds 36. How many total animals does Susan have now?

Pasture #2



Transportation is an important part of cattle ranching. Nearly all cattle are transported several times in their lives. One bull is transported 35 miles, 22 miles, and then 96 miles. How many miles does the bull travel in all?

D

C

Answers: Pen#1: 32 cows; Pen#2: 60 cows; Pen#3: 32 cattle; Pasture#1: 80 animals; Pasture#2: 153 miles. Use a ruler: Side AB: 6.5", Side BC: 7.5", Side CD: 6.5", Side DA: 7.5", Total Perimeter: 28"

Use a ruler!

Measure and record the perimeter of your pens and pastures using inches.

Side AB: _____ Side BC: _____

Side CD: _____ Side DA: _____

Total perimeter: _____ (add all sides)



California Standards

- CCSS Math: 1.OA.1, 3, 6; 2.OA.1, 2; 2.NBT.5; 2.MD.1, 5
- Visual Arts Content: 1-2, 5,0