Beefo Bingo

Brief Description
Beefo Bingo involves students in a fun and exciting game while learning about by-products of the beef industry.

Objectives:
The student will be able to:
- Identify beef by-products that are used in everyday living.

Materials Needed:
- Caller Card*
- Beef Bingo Playing Cards*
- Grab Bags
- Bingo Markers (marshmallows, candy, etc)

*Materials are located in the Appendix, pages 66-92.

Preparation:
- Print copies of the Beefo Bingo Playing Cards. You may want to enlarge them so the students can see the pictures and read the words.
- Cut out the Caller Card into squares.
- Prepare markers
- Create grab bags.

Evaluation:
Place a variety of products in the classroom. Ask students to classify them accordingly as "Beef By-Product" or "Not Beef By-Product."

Background:
The U.S. beef industry supplies consumers with an abundant supply of safe, healthy, protein-rich beef. In fact, American ranchers are able to export large quantities of beef to countries that are not able to produce enough beef for their populations. Many countries are very crowded and do not have space to raise beef cattle so they welcome beef imports. U.S. cattle usually graze in areas of the country that are not suitable for other agricultural ventures, making the land productive. When beef cattle are processed, none of the animal is wasted. After the meat is removed, other products are made from the bones, hide, hooves and horns. These products are called by-products since they are not the primary products of a beef animal.

- Hide by-products include leather shoes, leather belts, baseball gloves, drum heads, upholstery and luggage.
- Organ by-products include asphalt, antifreeze, cosmetics, fertilizers, insulation, medicines, paint, plastics, shampoo, soap, tires and toothpaste.
- Horn and hoof by-products include bone china, candies, chewing gun, combs, ice cream, knife handles, lipstick, marshmallows, photo film, piano keys, vitamin capsules and wallpaper paste.

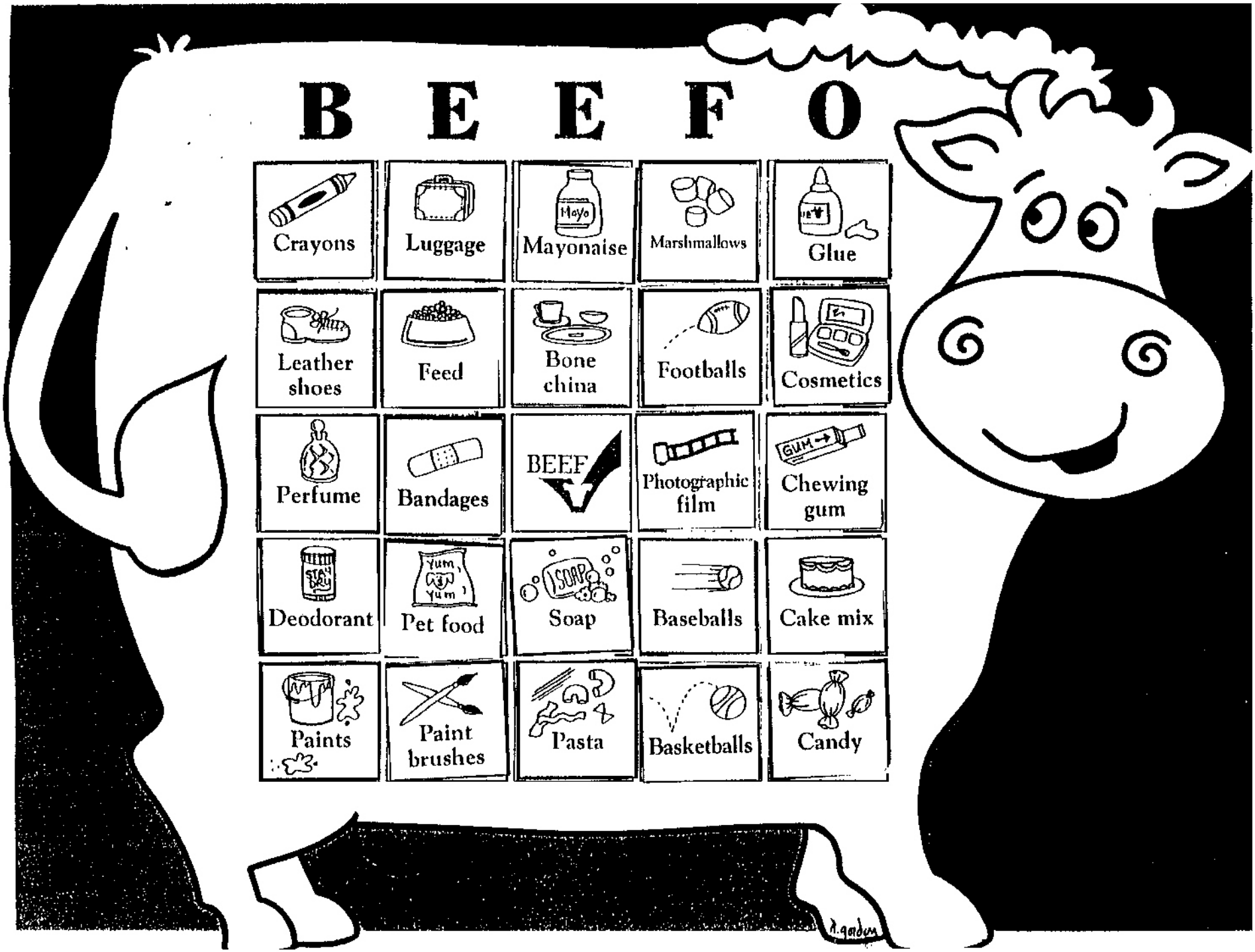
Florida Fact: Four of the nation's ten largest cow-calf operations are in Florida.

Activity:
1. Put the Caller Card pieces into a zip-lock bag.
2. Locate markers, such as mini marshmallows.
3. Read the enclosed instructions to the group.
4. Make sure each child has a colored bingo card and a handful of markers. Remind them not to eat their markers.
5. Announce what type of bingo is required, (5 in a row, 4 corners or blackout. Blackout takes longer, and can be used to finalize the playing time.)
6. You be the caller, making sure to put your Caller Cards on the master copy so that you can check any "questionable" bingos.
7. Give some type of reward for a bingo. Arrange a grab bag of beef by-product prizes suitable for your age group. Suggestions are:

Small box of crayons	Pack of chewing gum
Glue sticks	Pack of red licorice
Pack of fruity chews	Decorative soap figurine
Small pack of band aids	Lip balm

8. To conclude the lesson, ask, "Can we go through one day without the products that come from beef?" (Some will say that they can, but remind them that even if they are not diabetic, don't use make-up, wear leather shoes, play football or basketball, use soap when they shower, use band-aids when they are hurt, or use crayons or glue or paint…that we all need rubber tires to get to school, unless we walk!)
9. "Now you can eat your markers!" It is not wise to collect the markers and use them again, as they will get handled several times during the game session.

Extensions:
Students can bring in examples of beef by-products that they use in their homes to make a bulletin board display. Divide the bulletin board into three sections. Label one section Hide. Label another section Organs. The third section should be labeled Horns and Hooves. Place the examples the students bring in under the correct heading on the board.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Glue
Leather shoes
Feed
Bone china
Footballs
Cosmetics
Perfume
Bandages
BEEF
Photographic film
Chewing gum
Deodorant
Pet food
Soap
Baseballs
Cake mix
Paints
Paint brushes
Pasta
Basketballs
Candy

B E E F O
Iron pills
Cosmetics
Shoe cream
Luggage
Linoleum
Detergent
Tires
Paints
Marshmallows
Paint brushes
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Perfume
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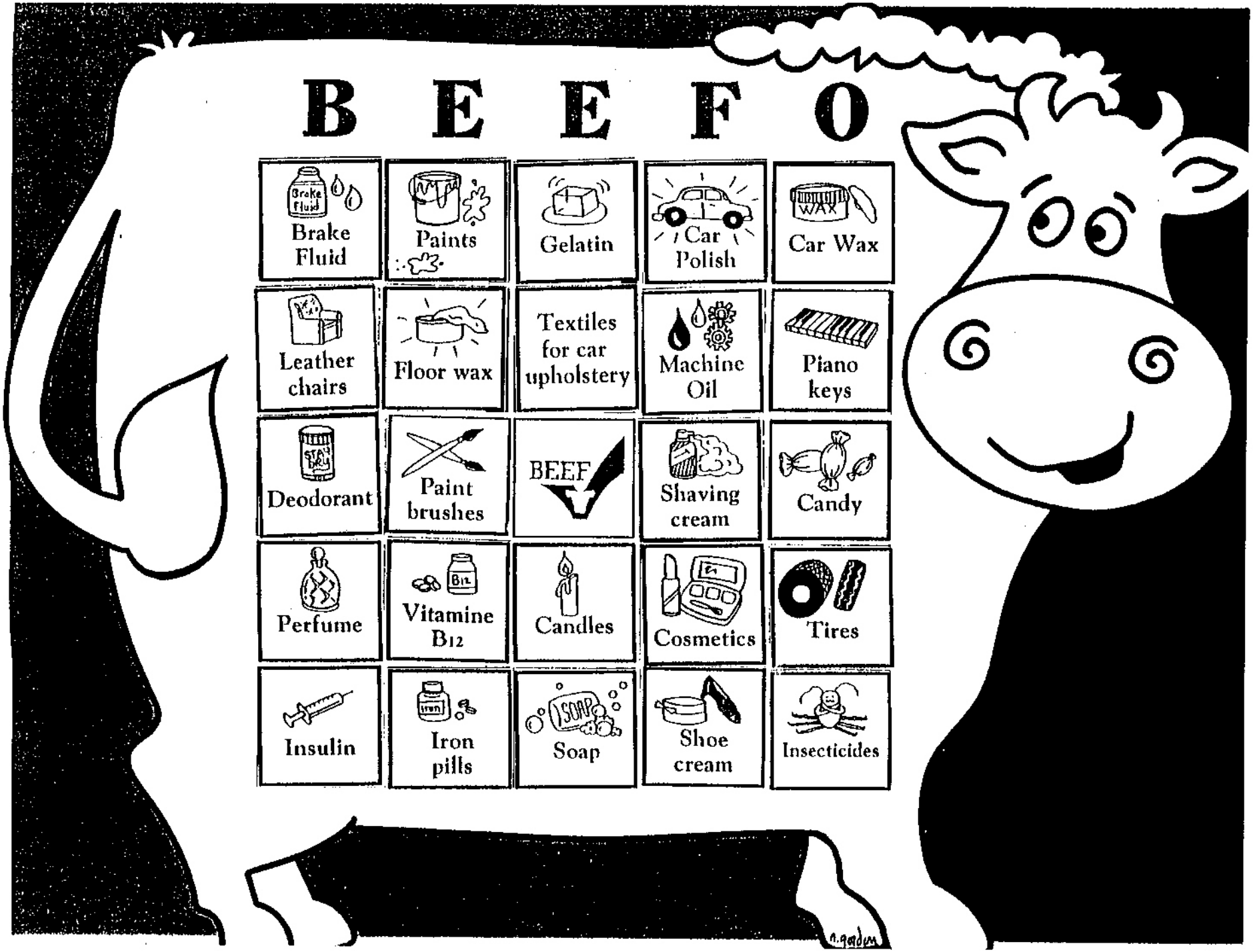
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Textiles for car upholstery
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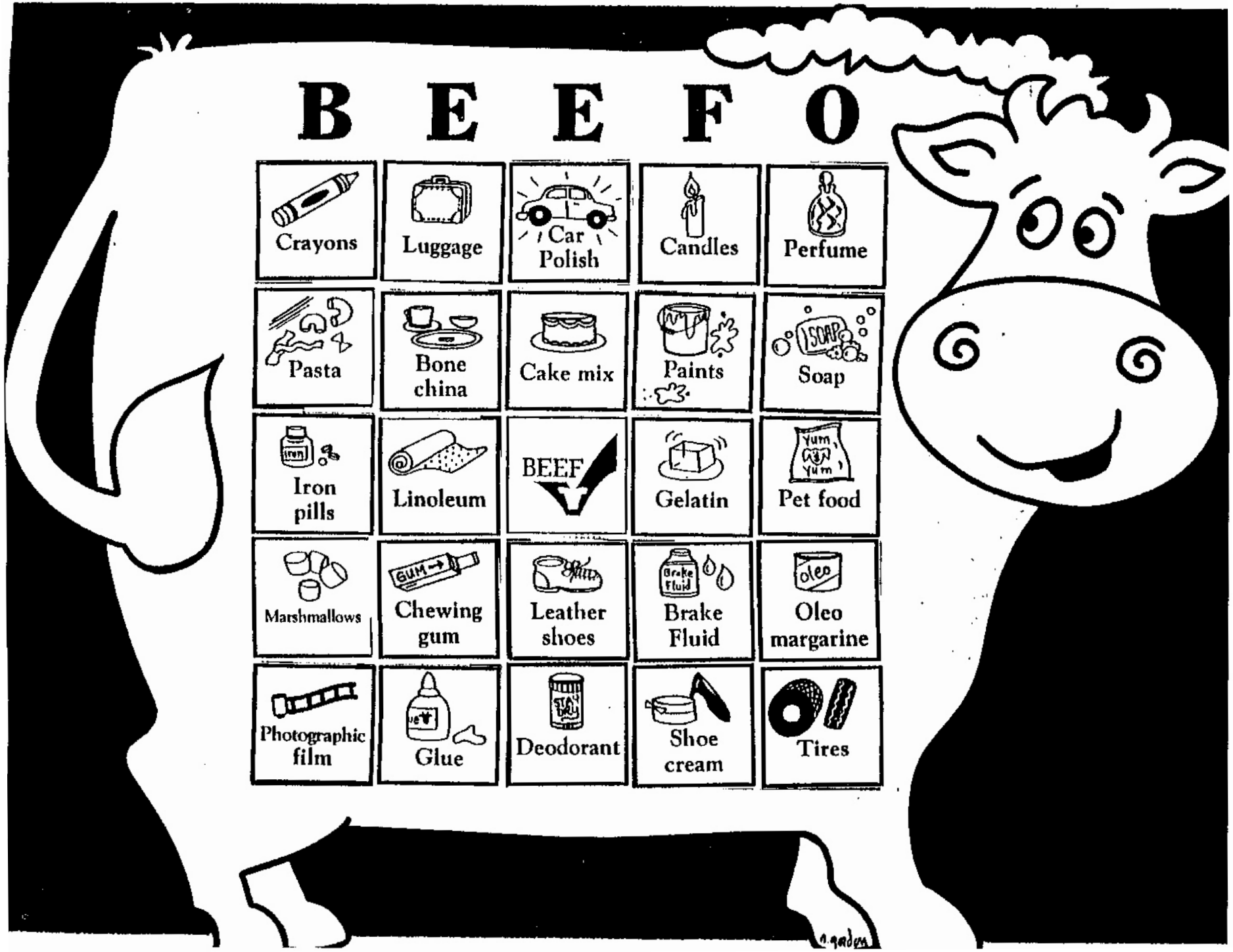
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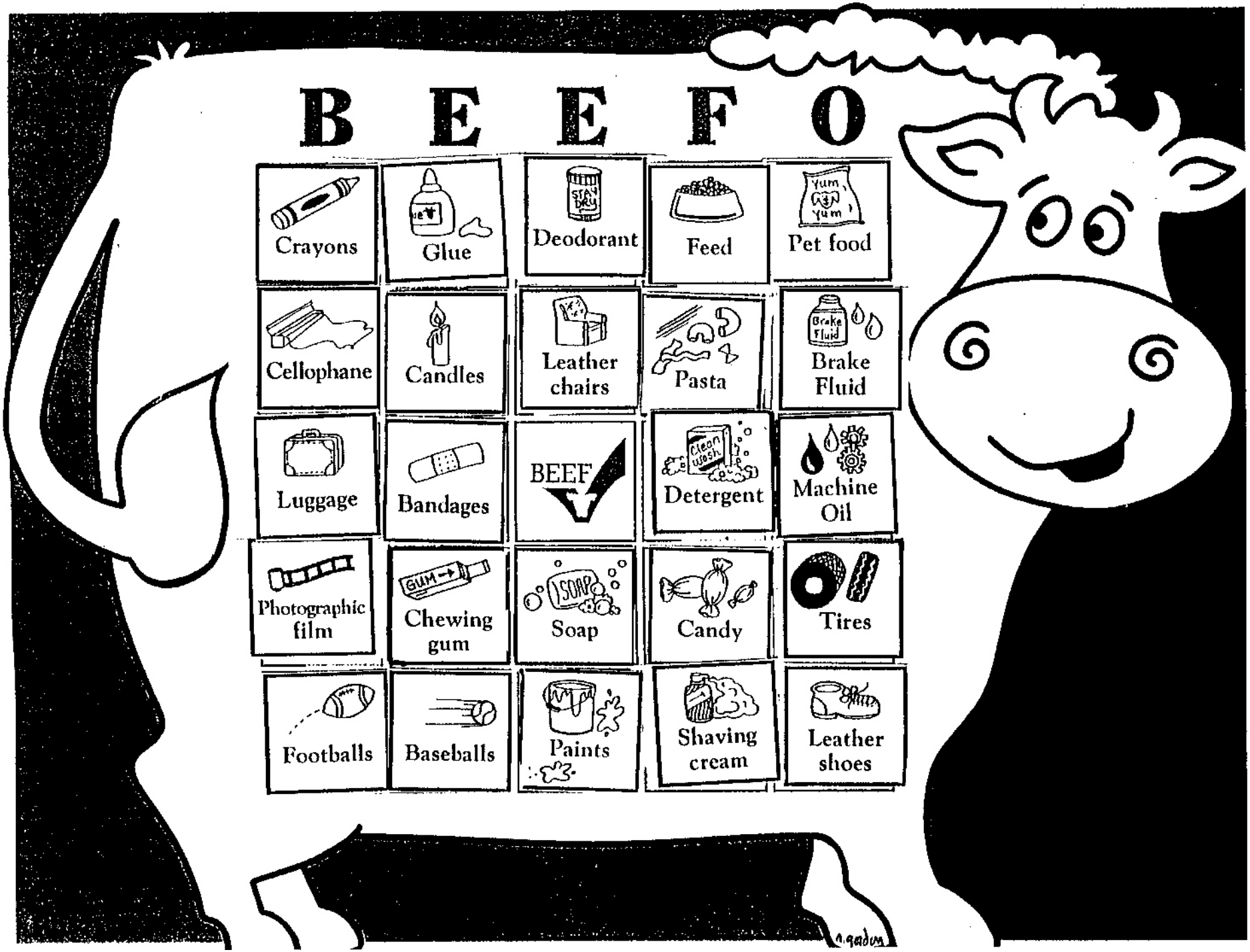
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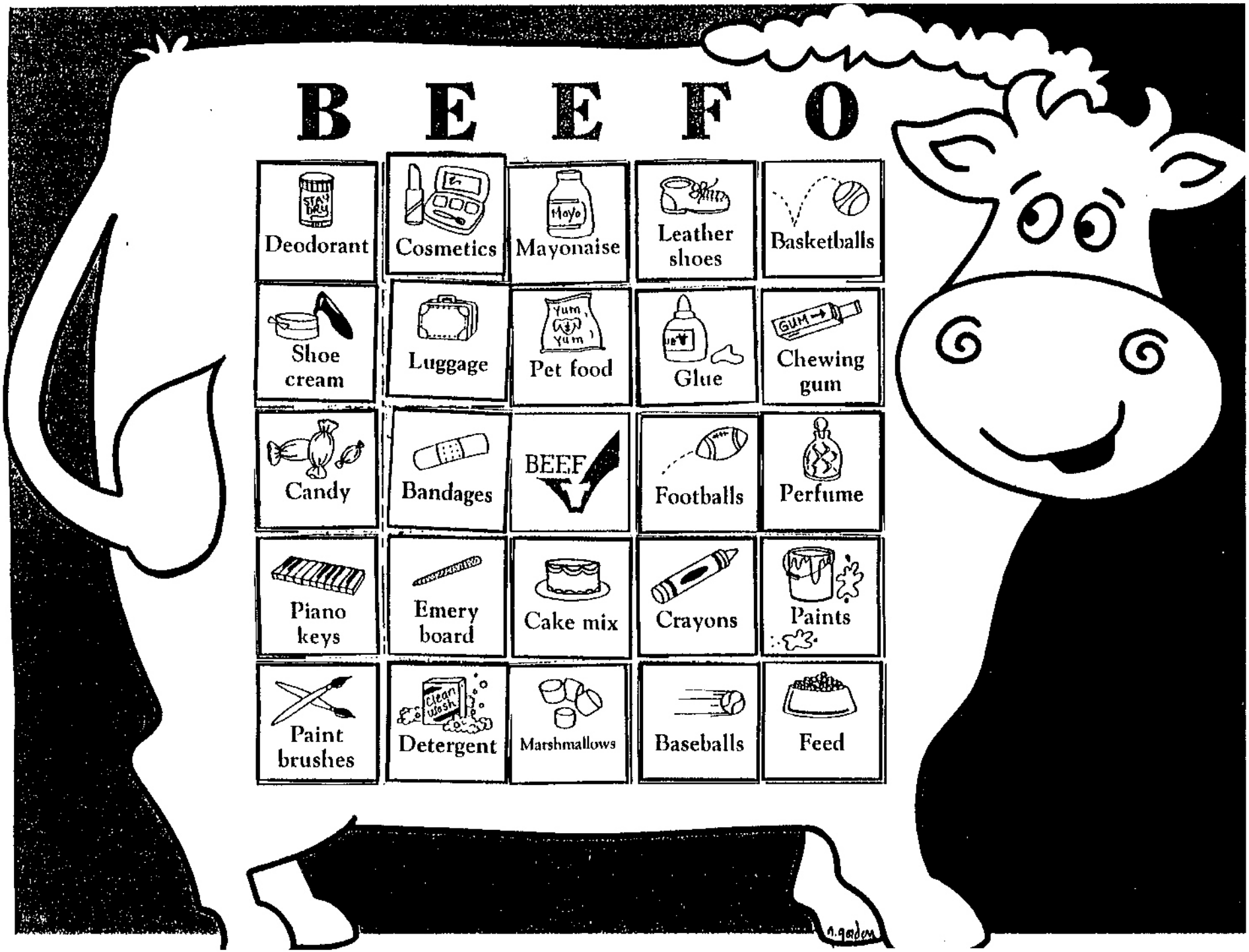
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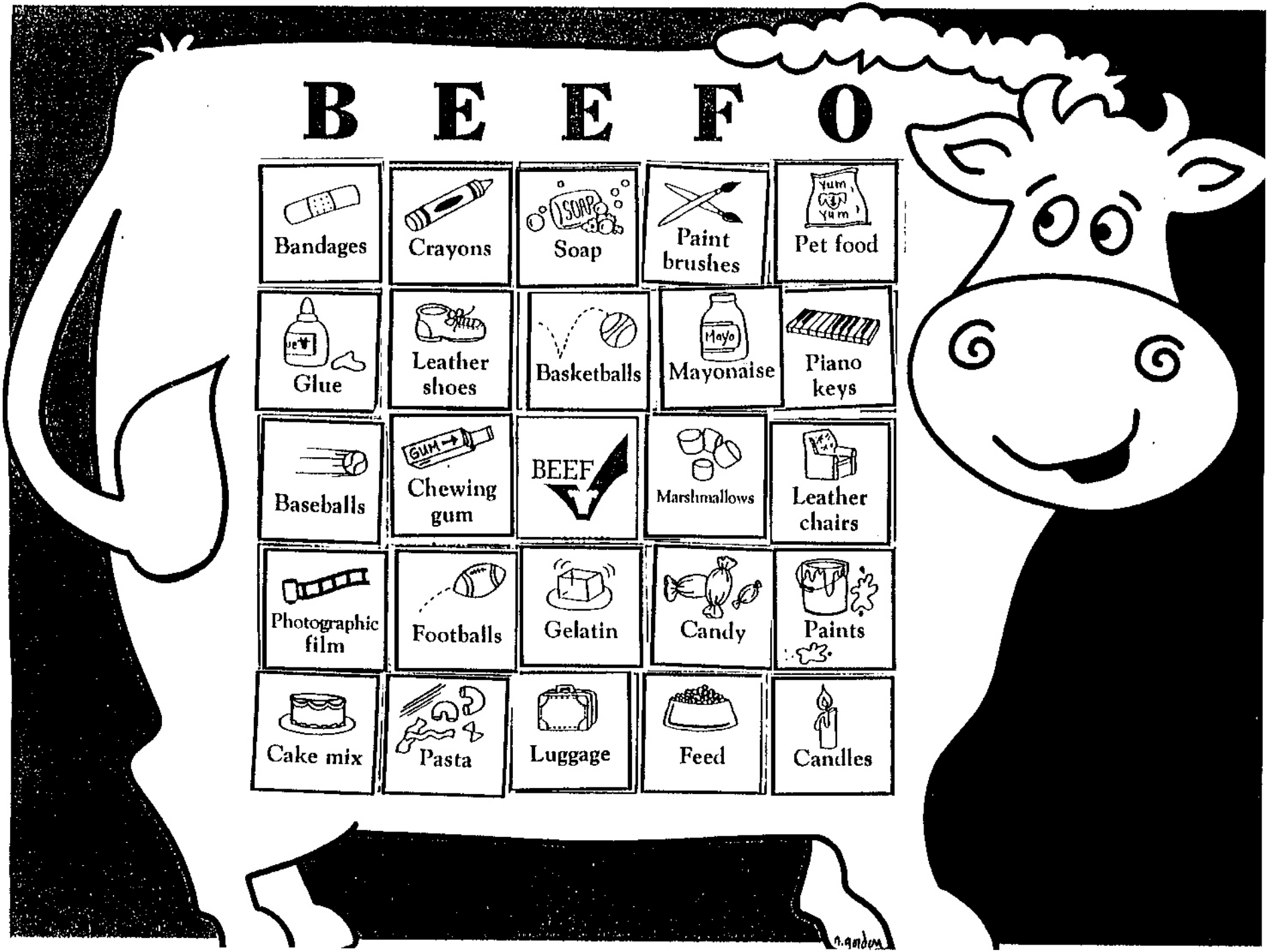
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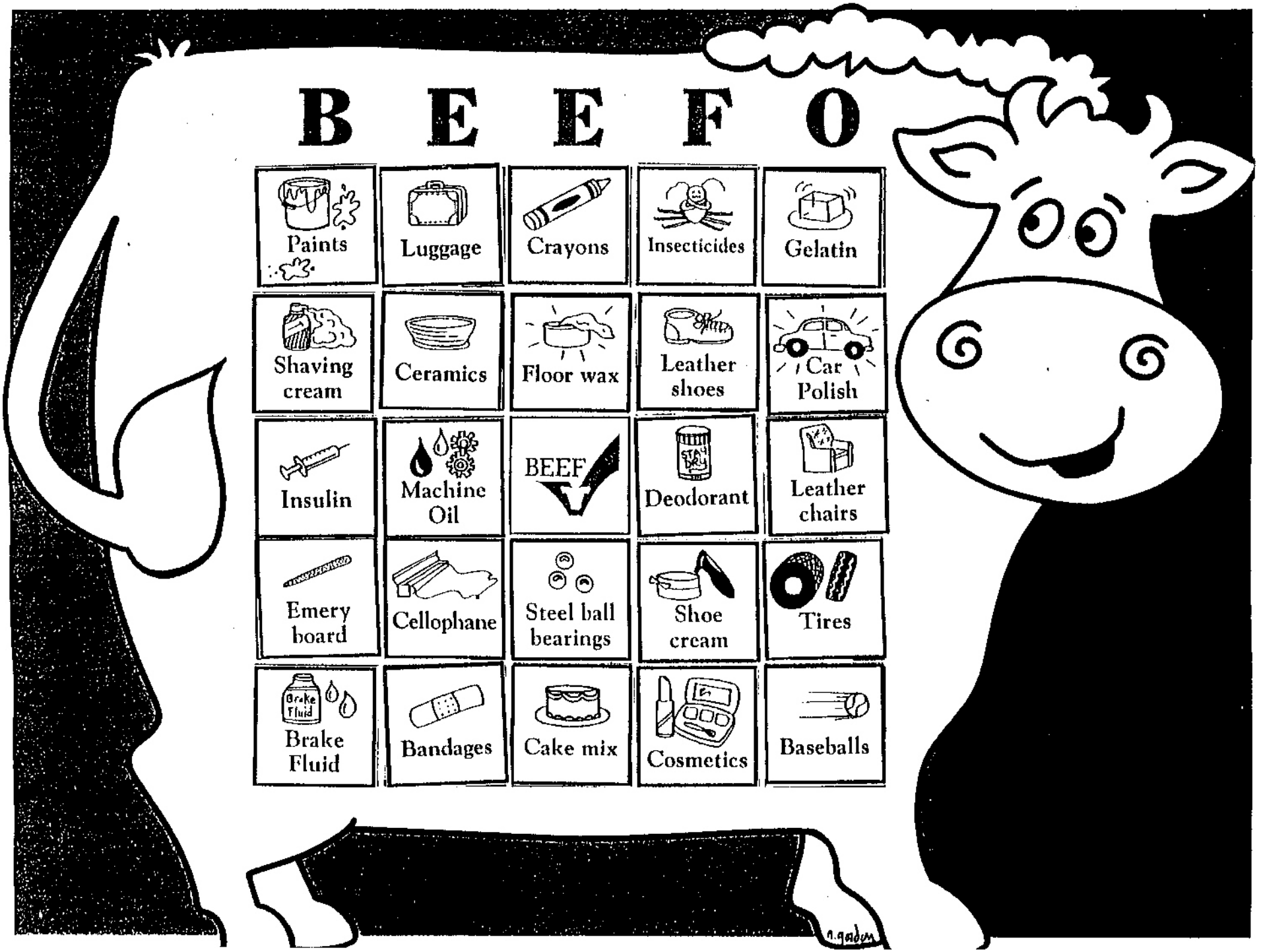
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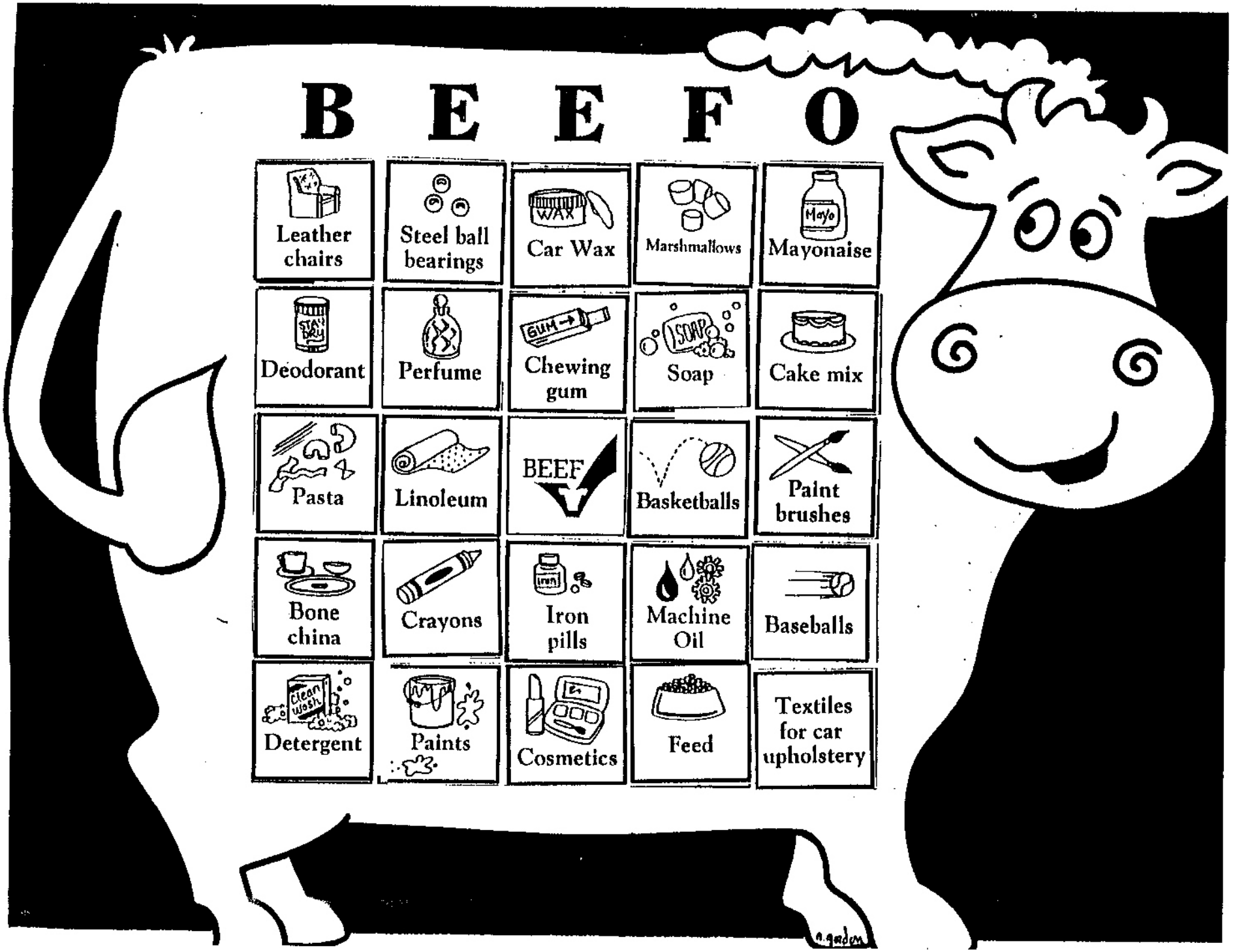
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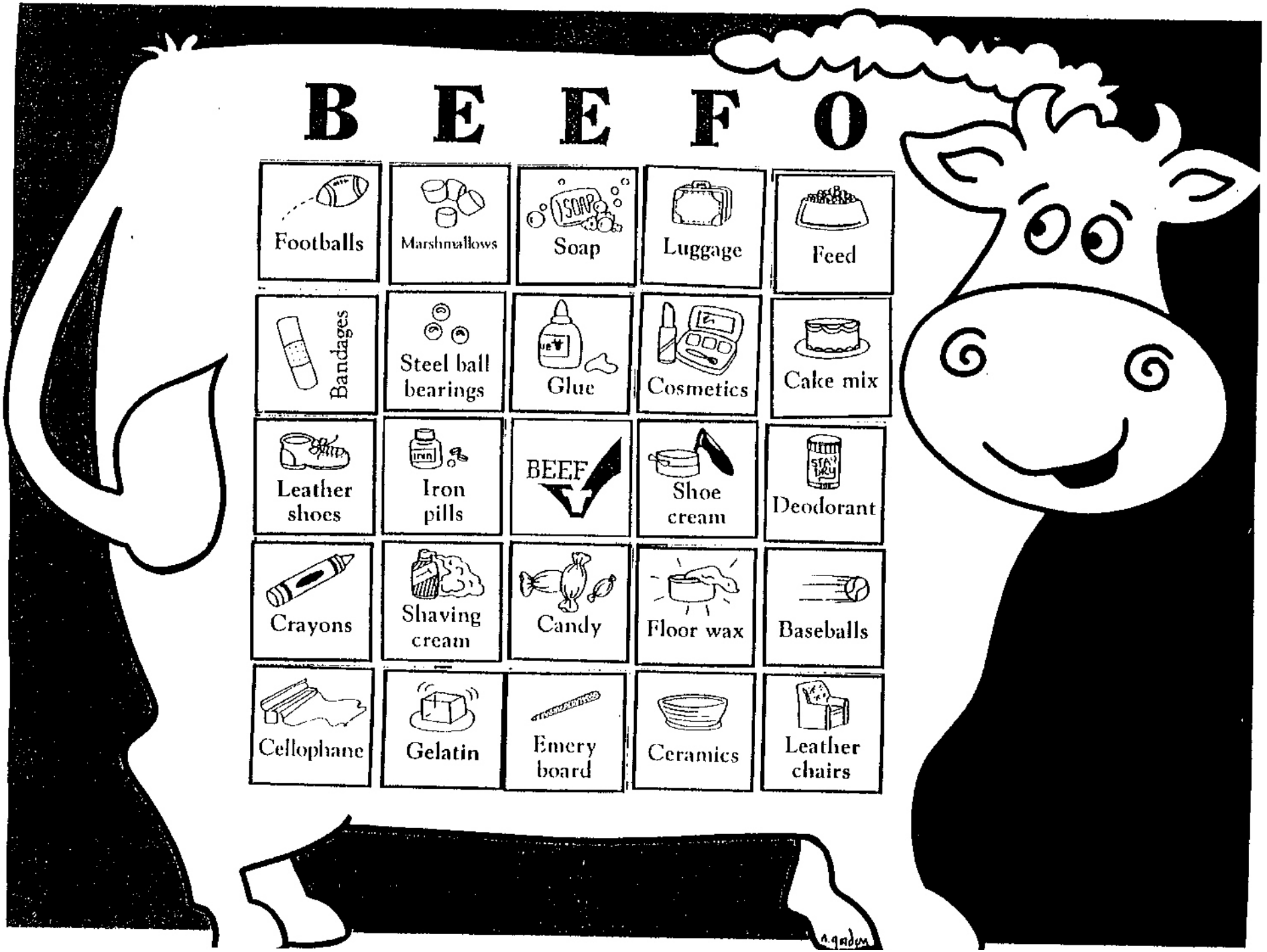
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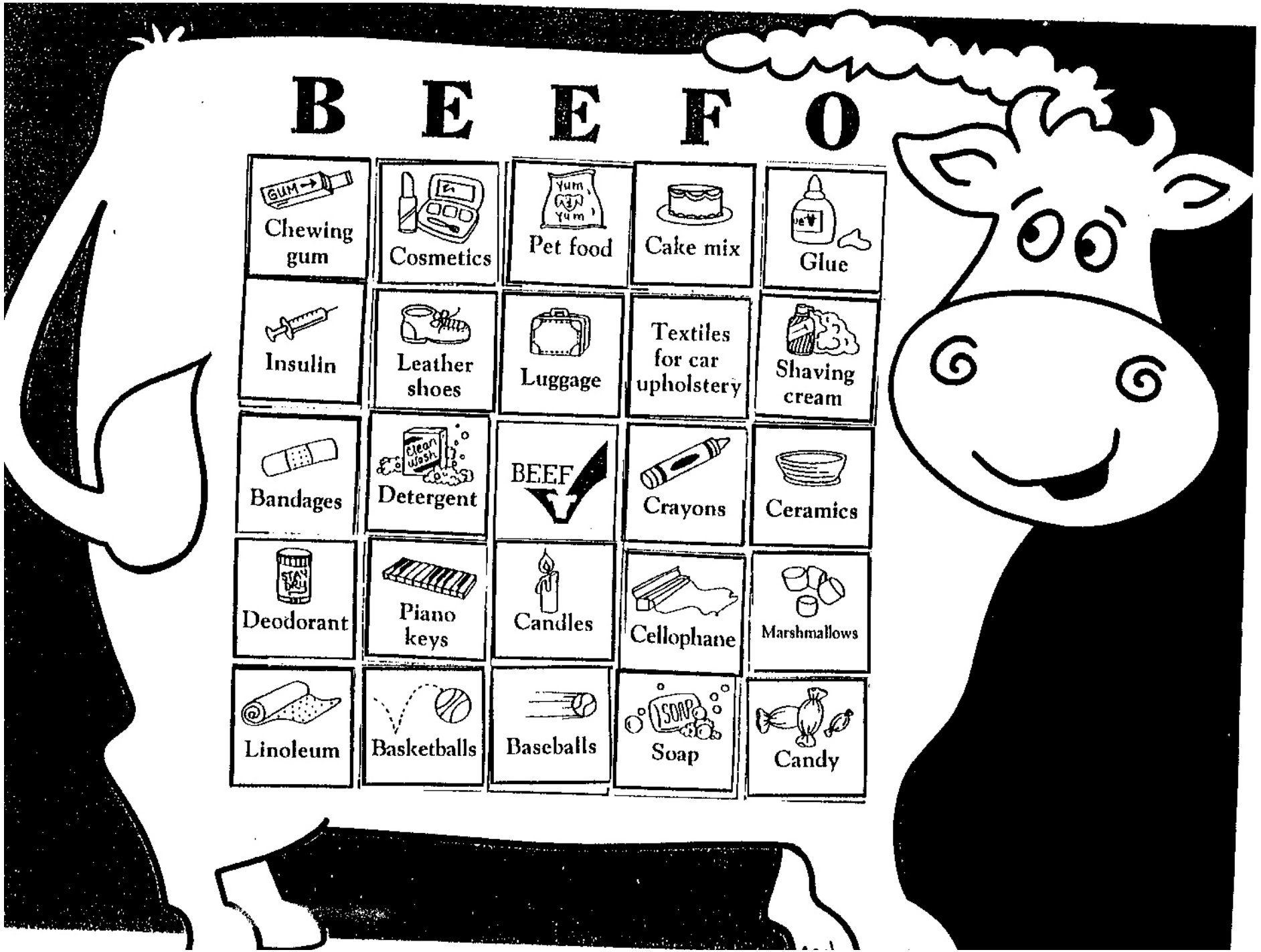
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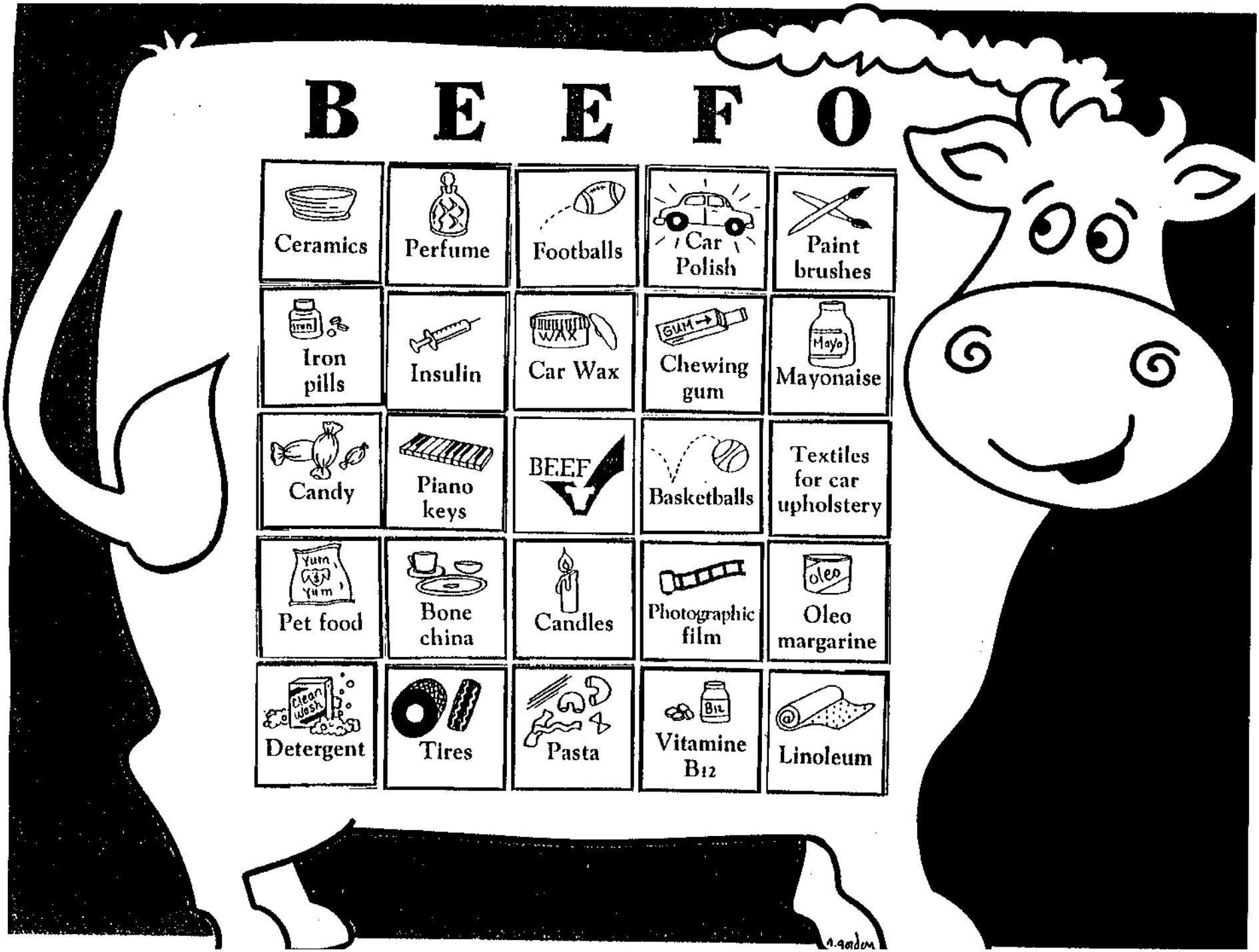
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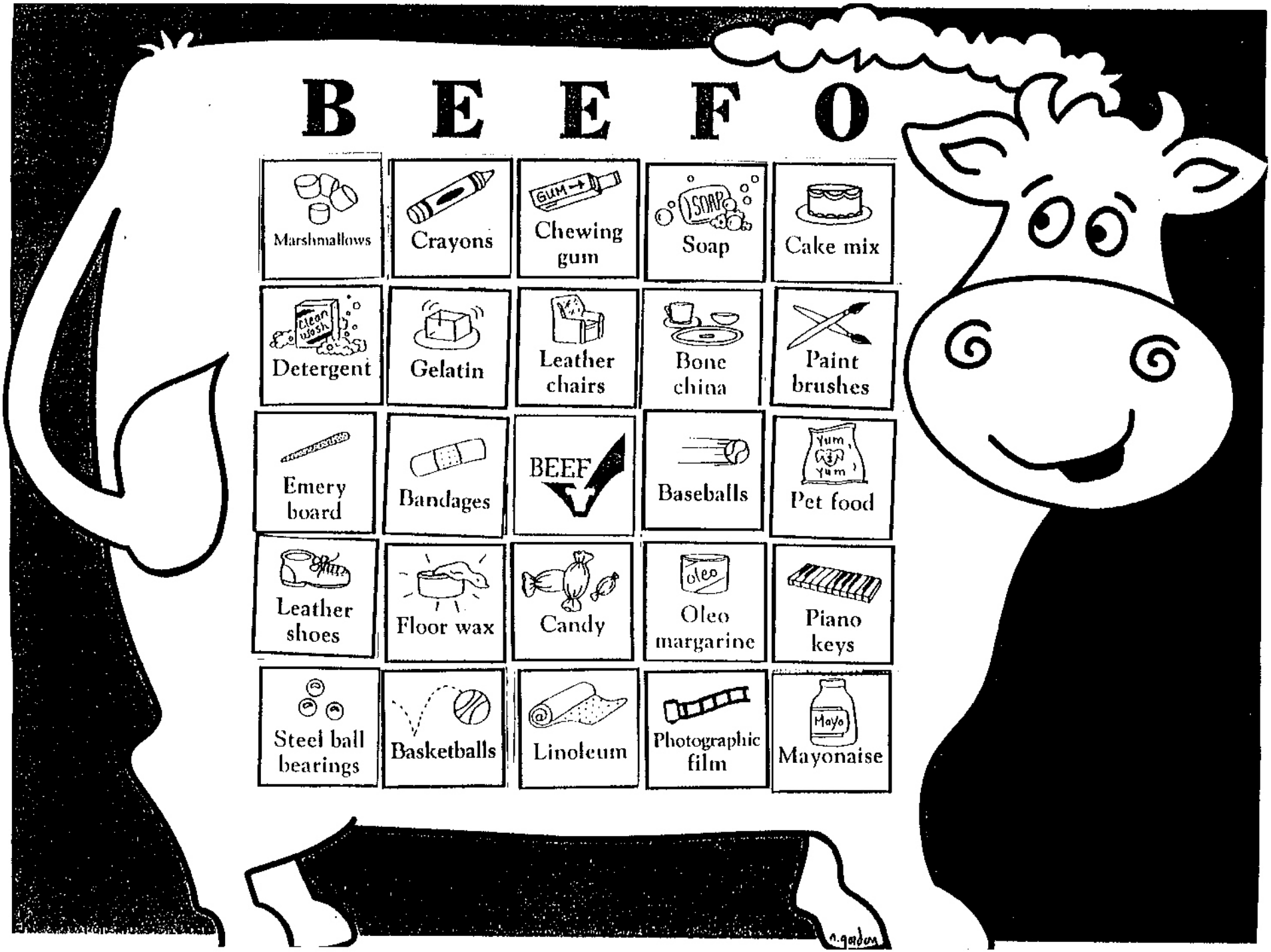
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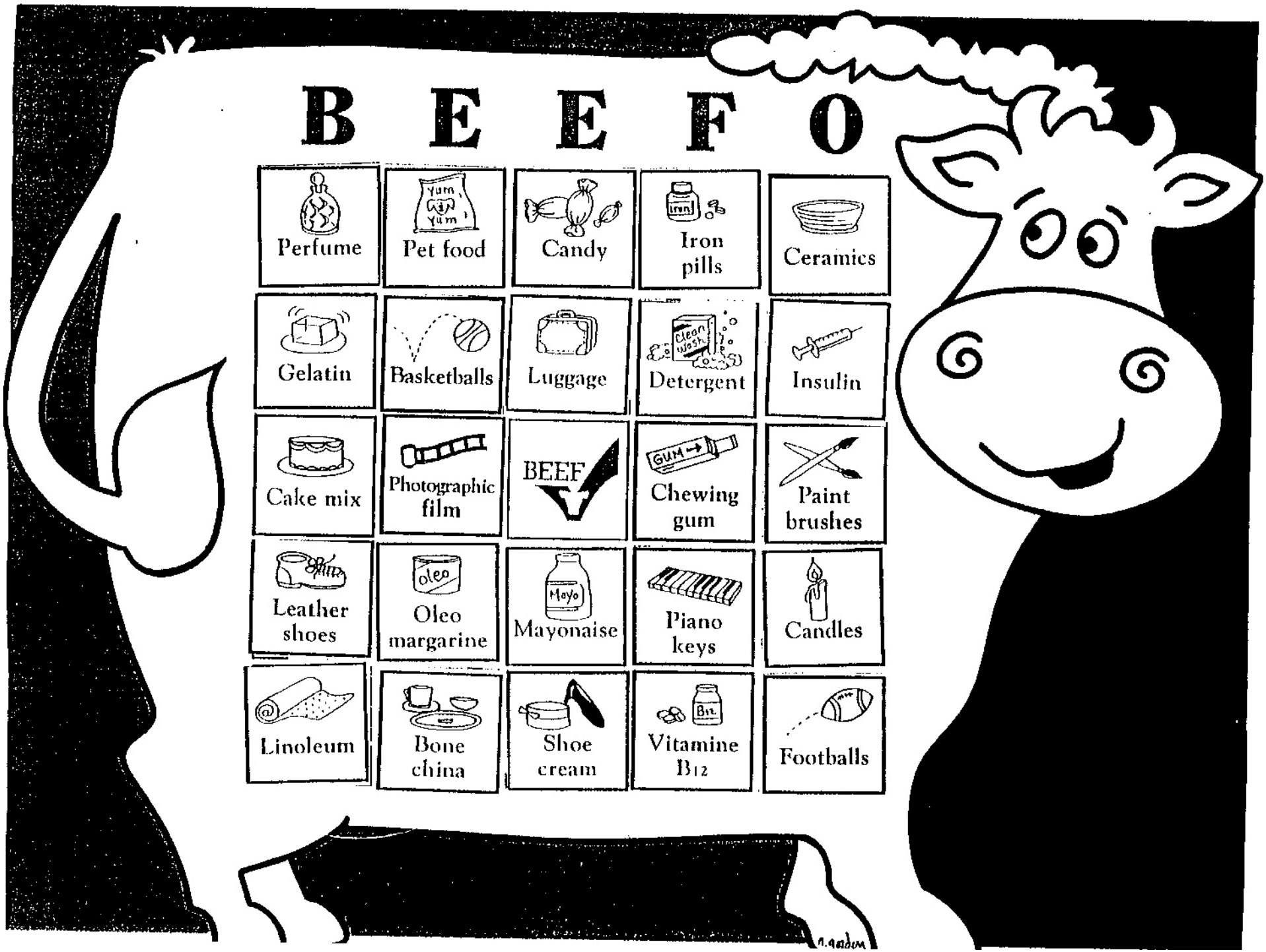
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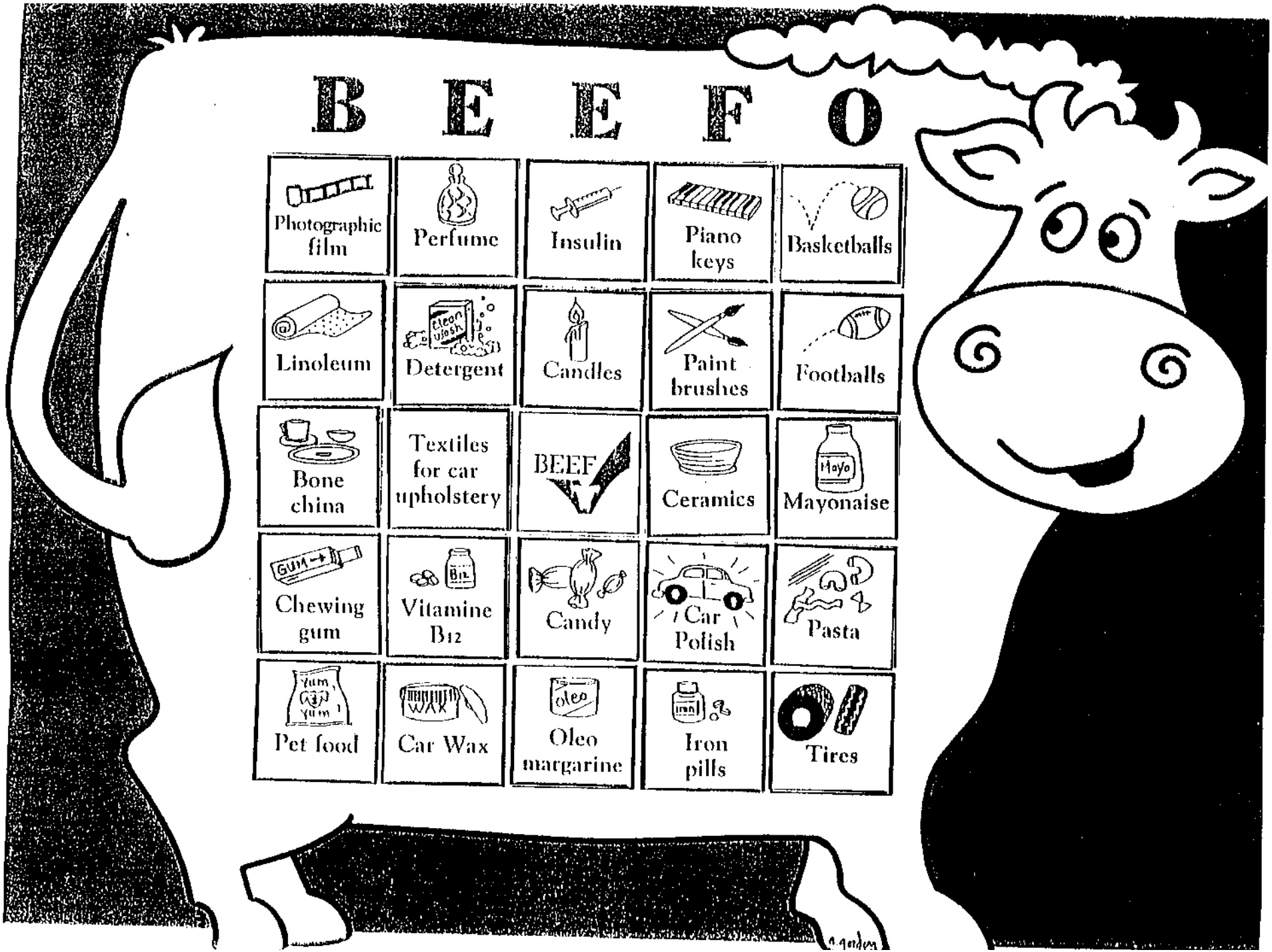
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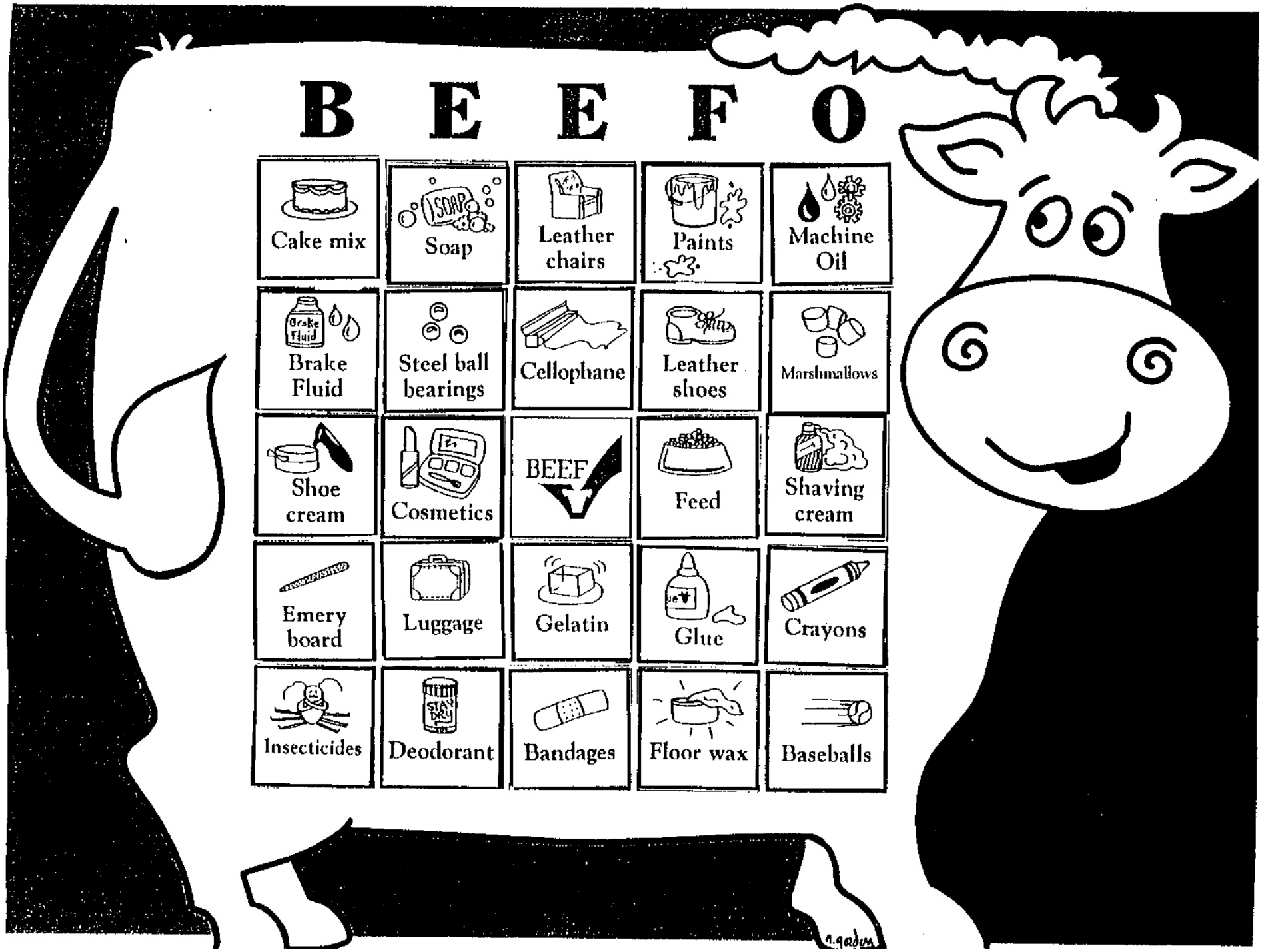
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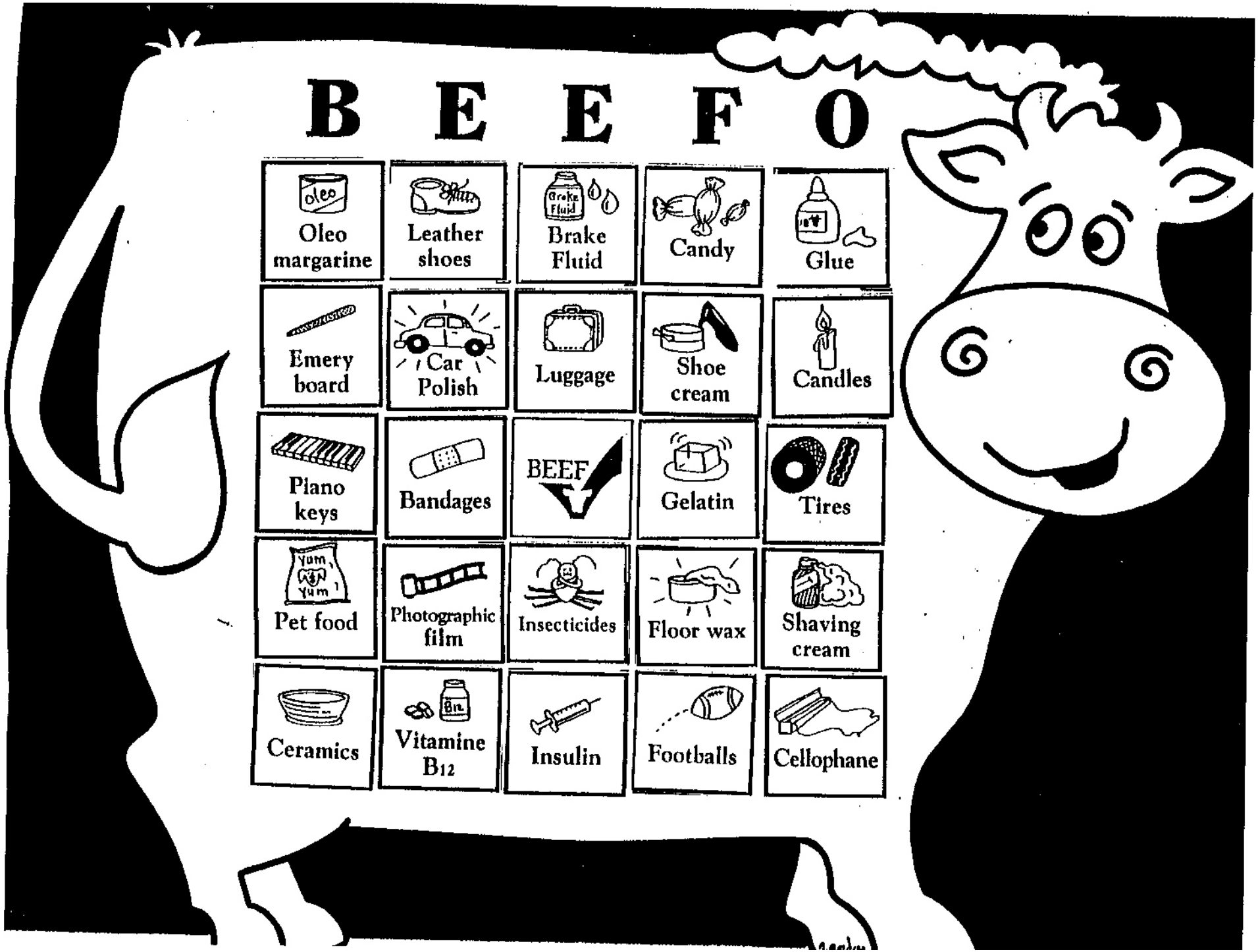

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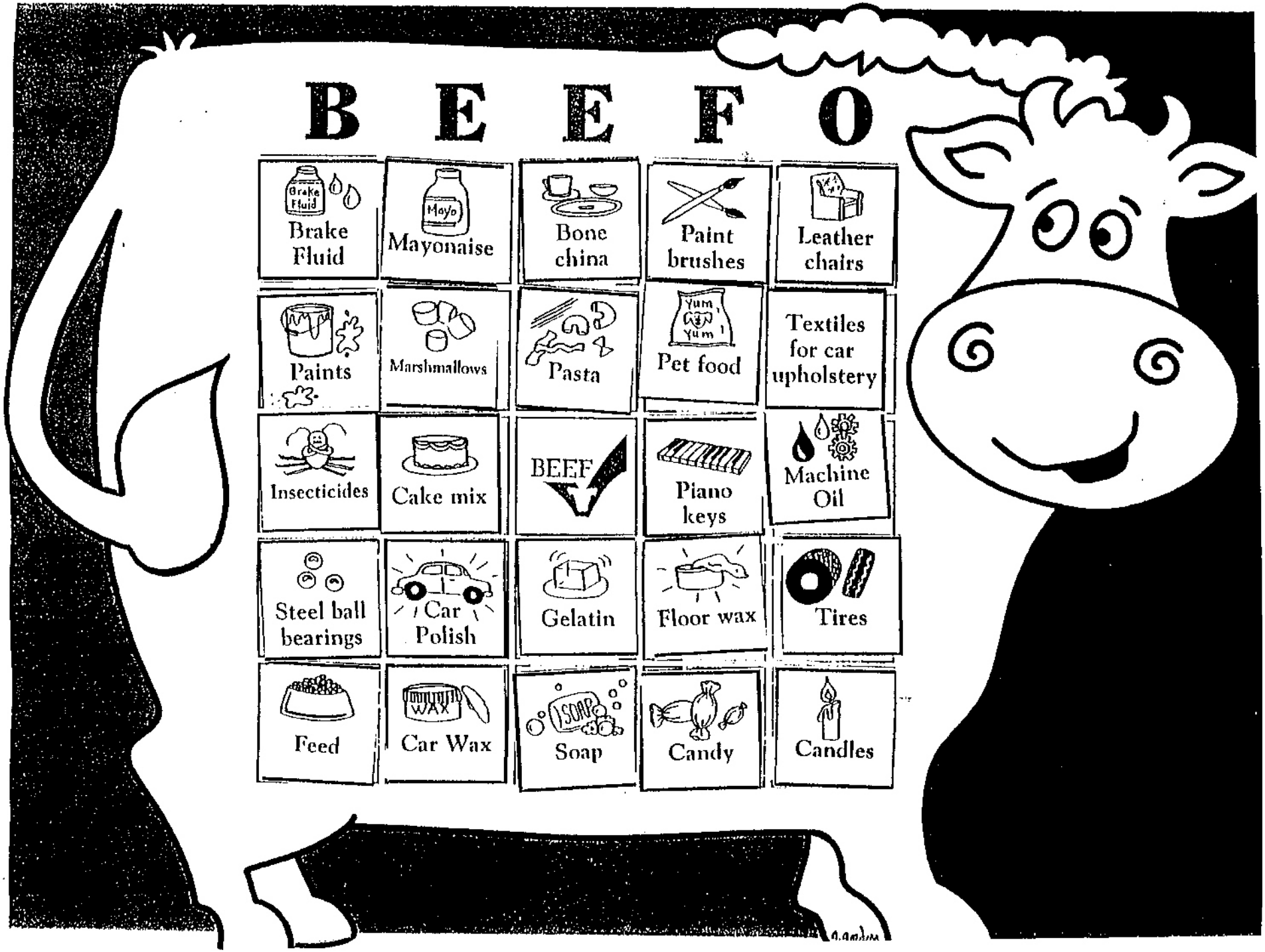
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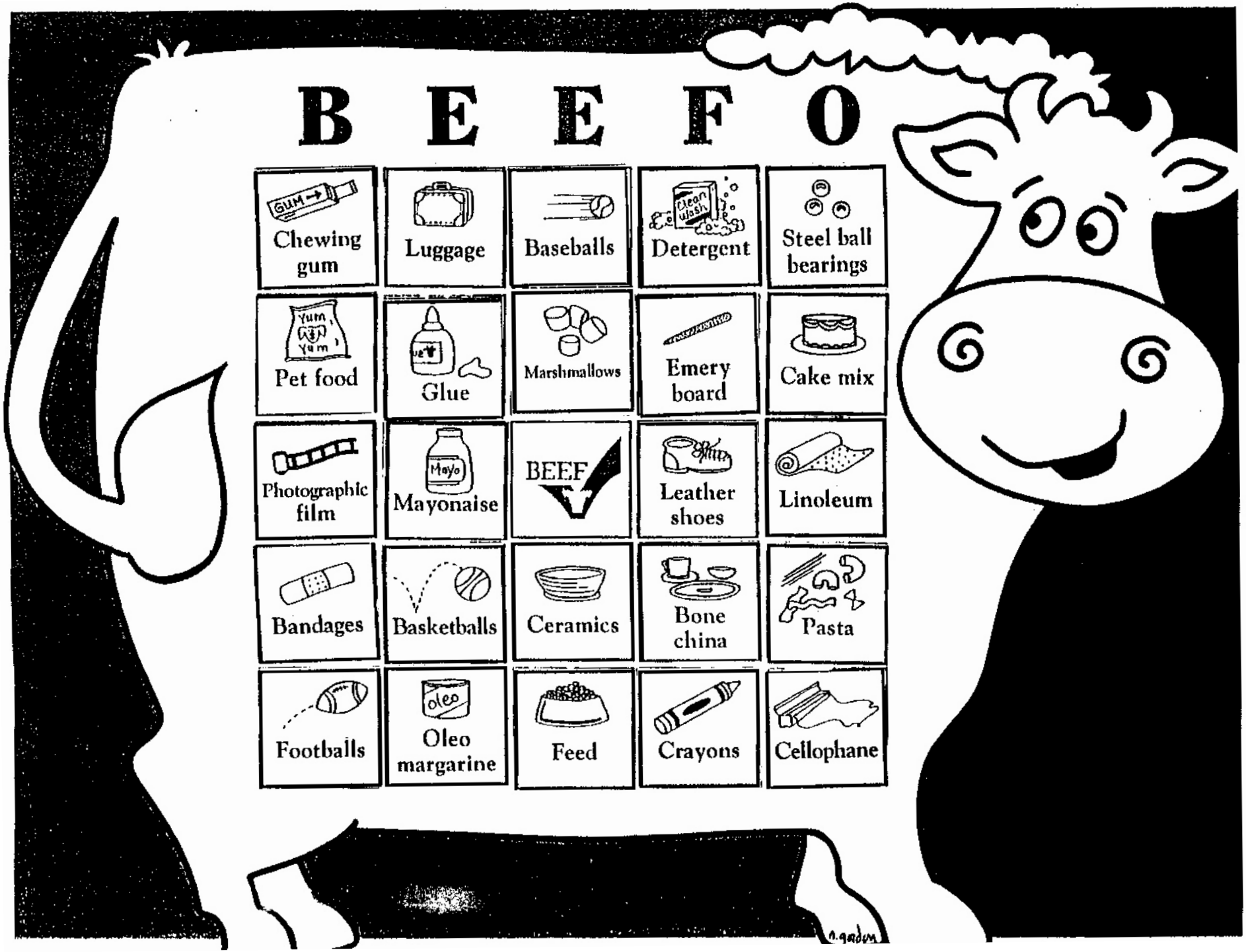
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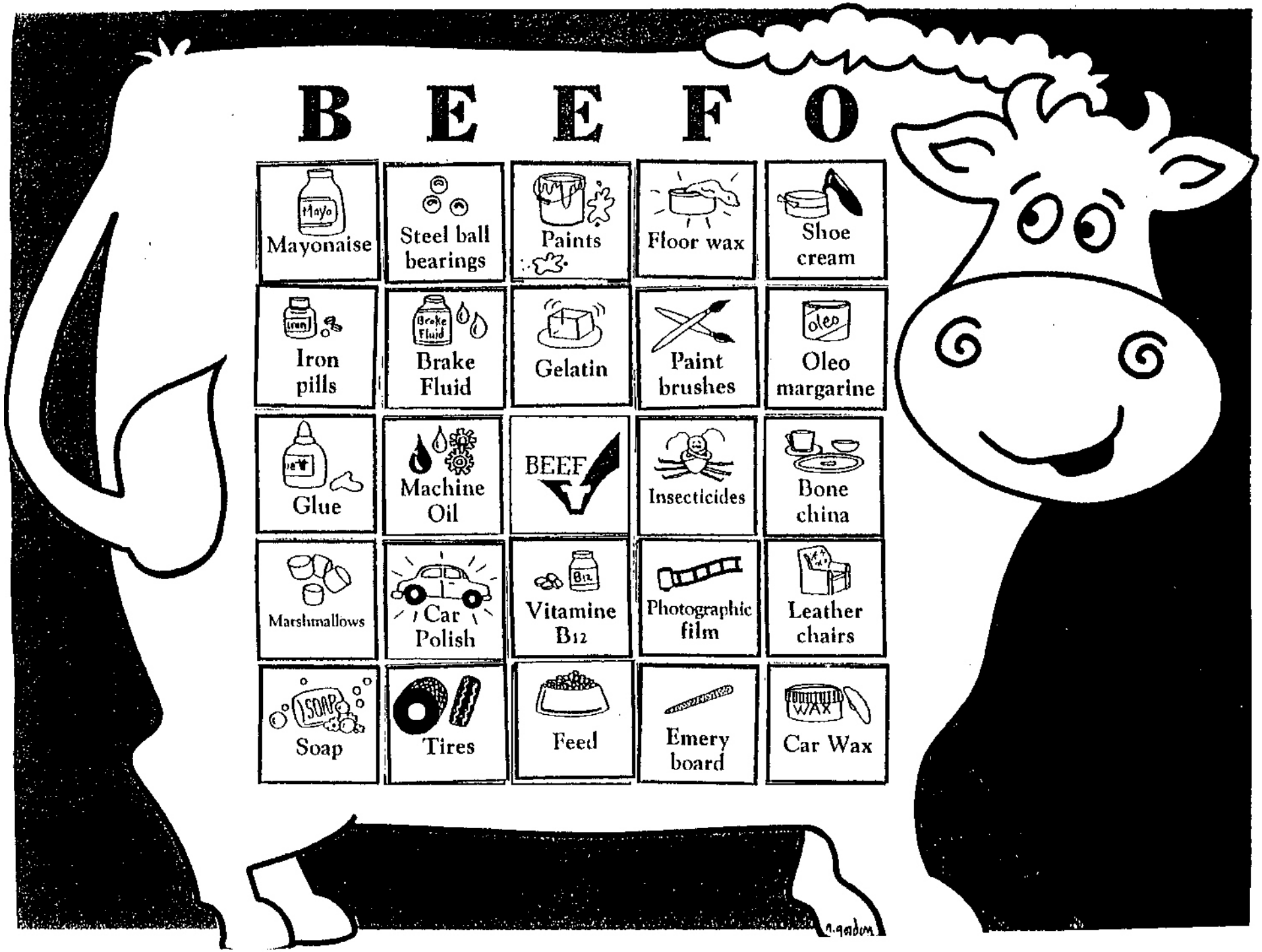
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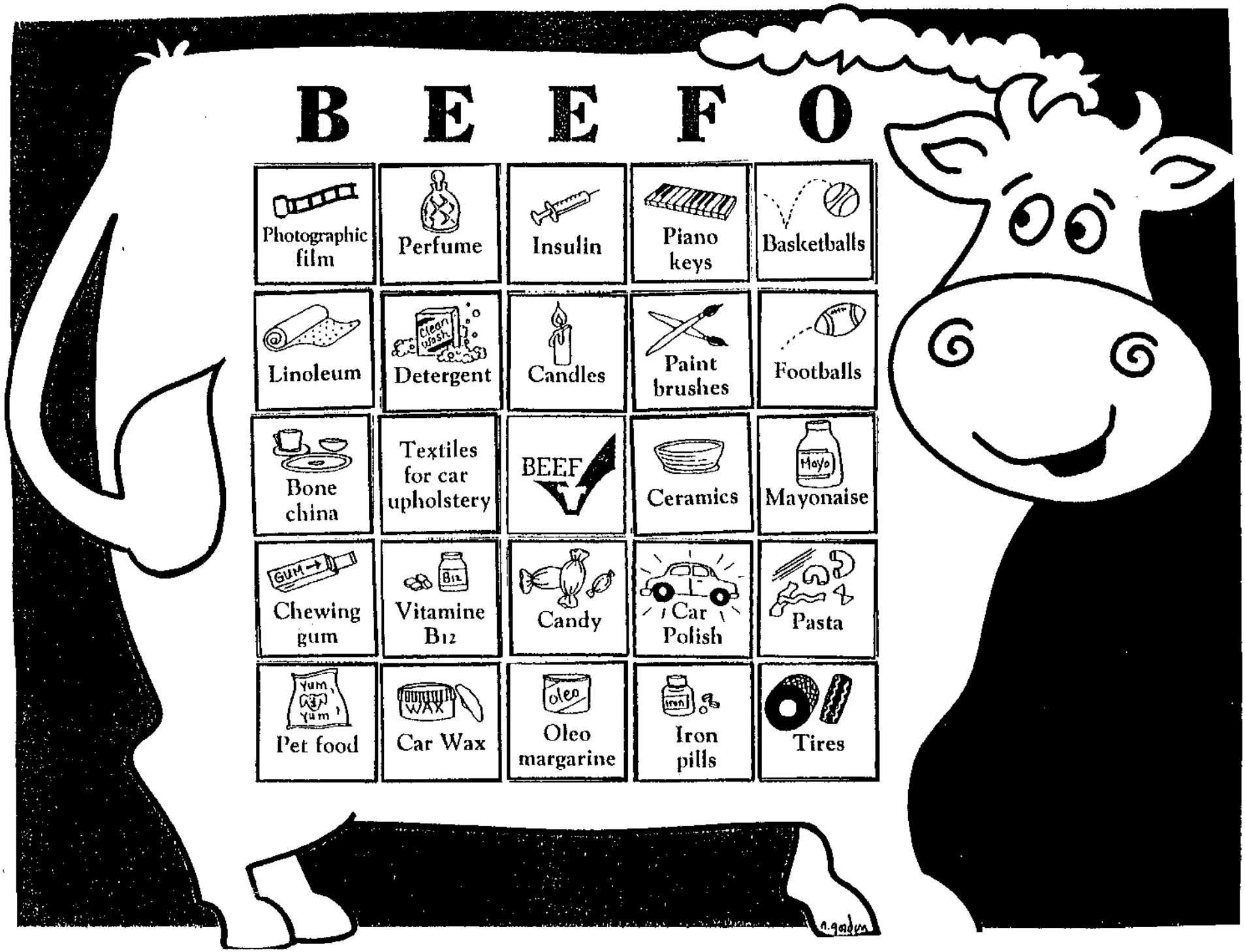
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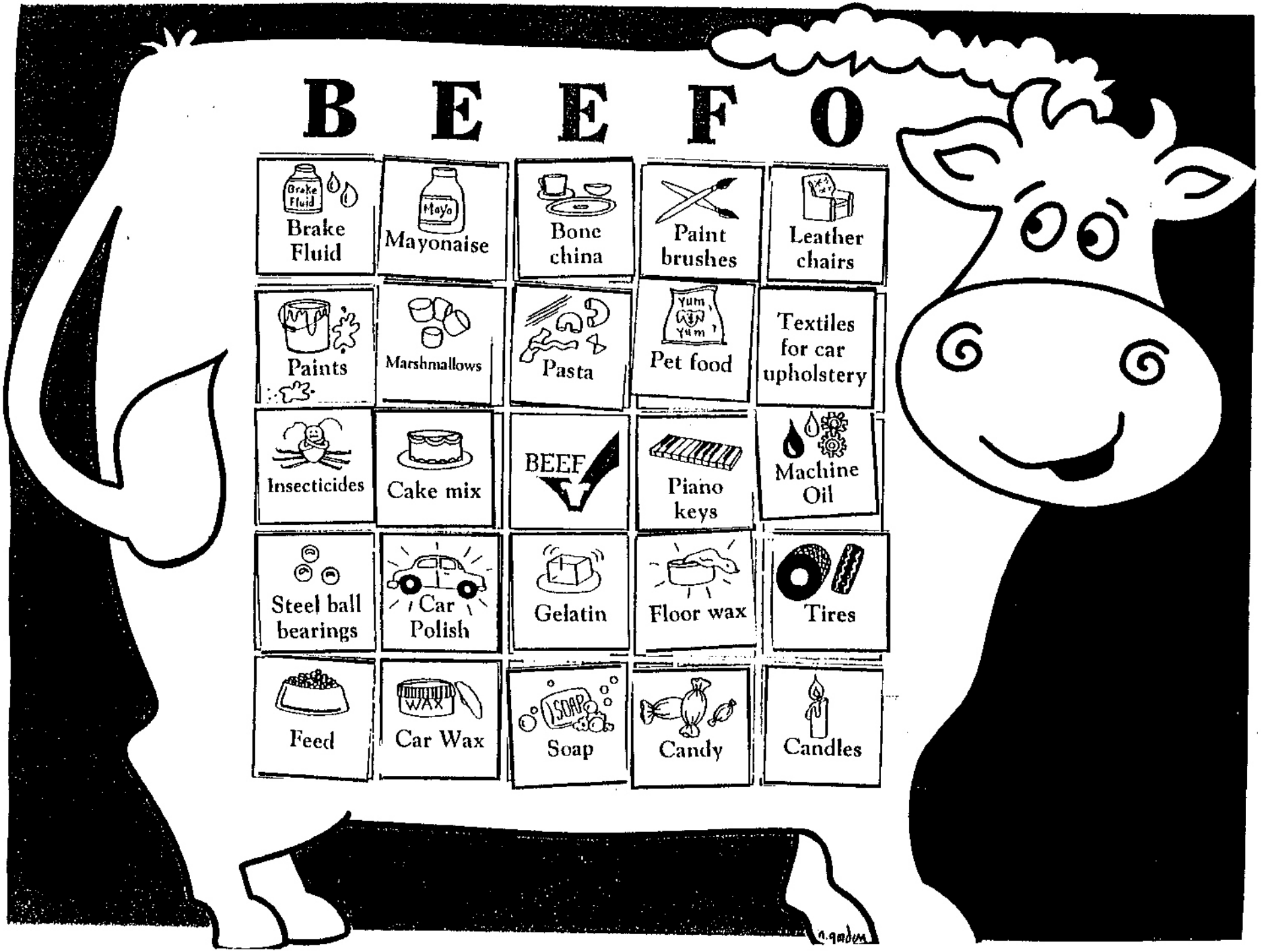
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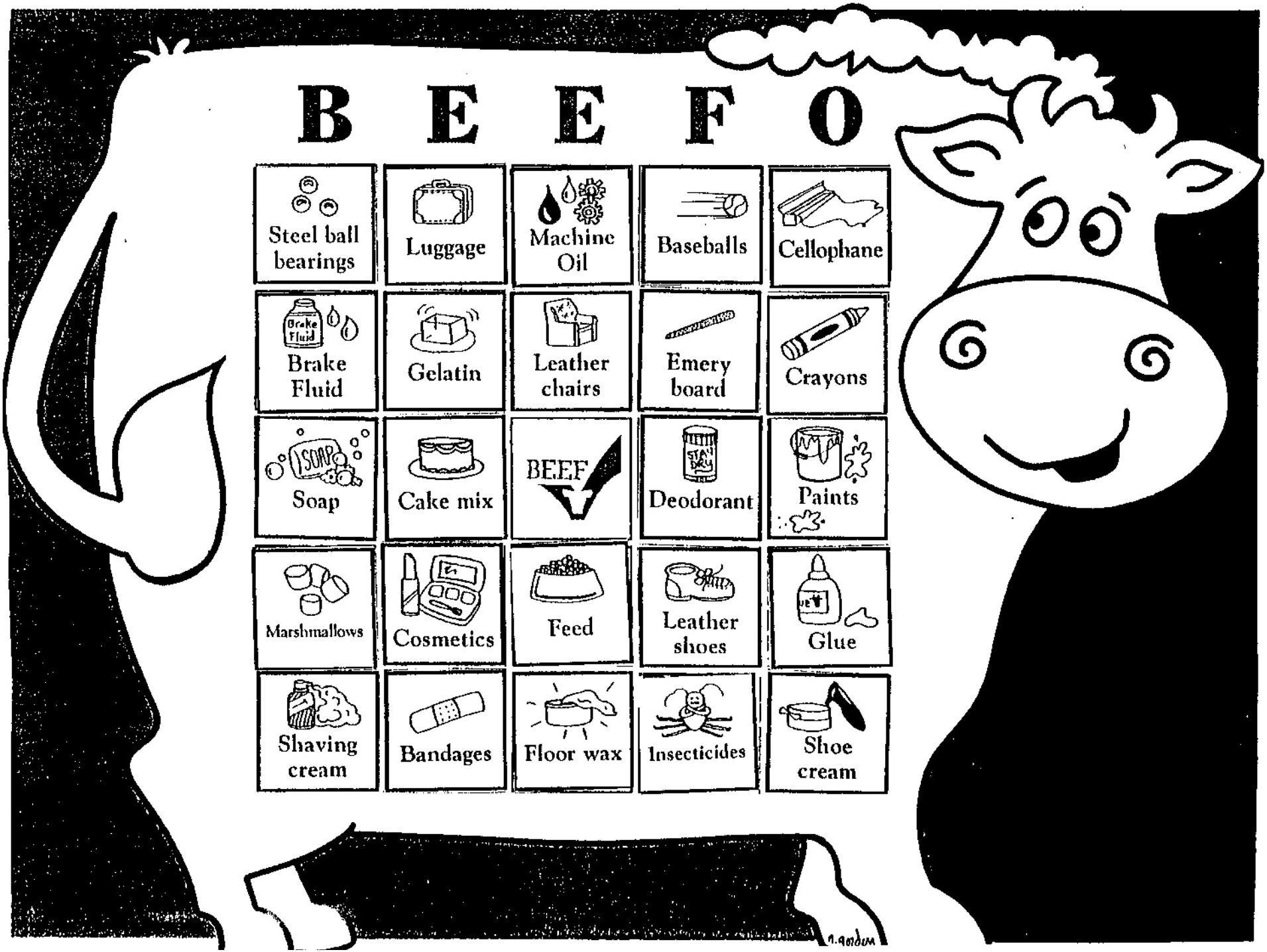
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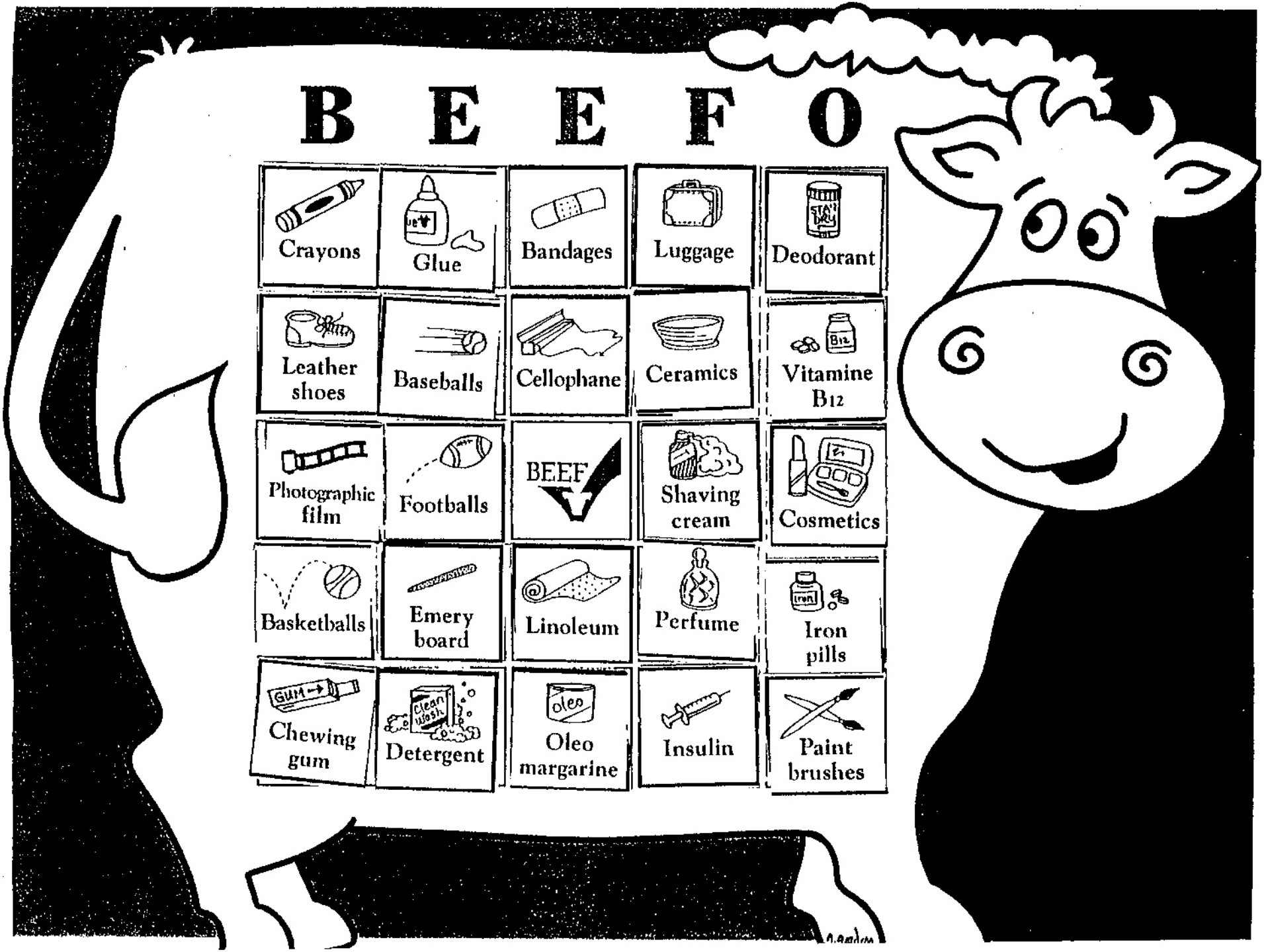
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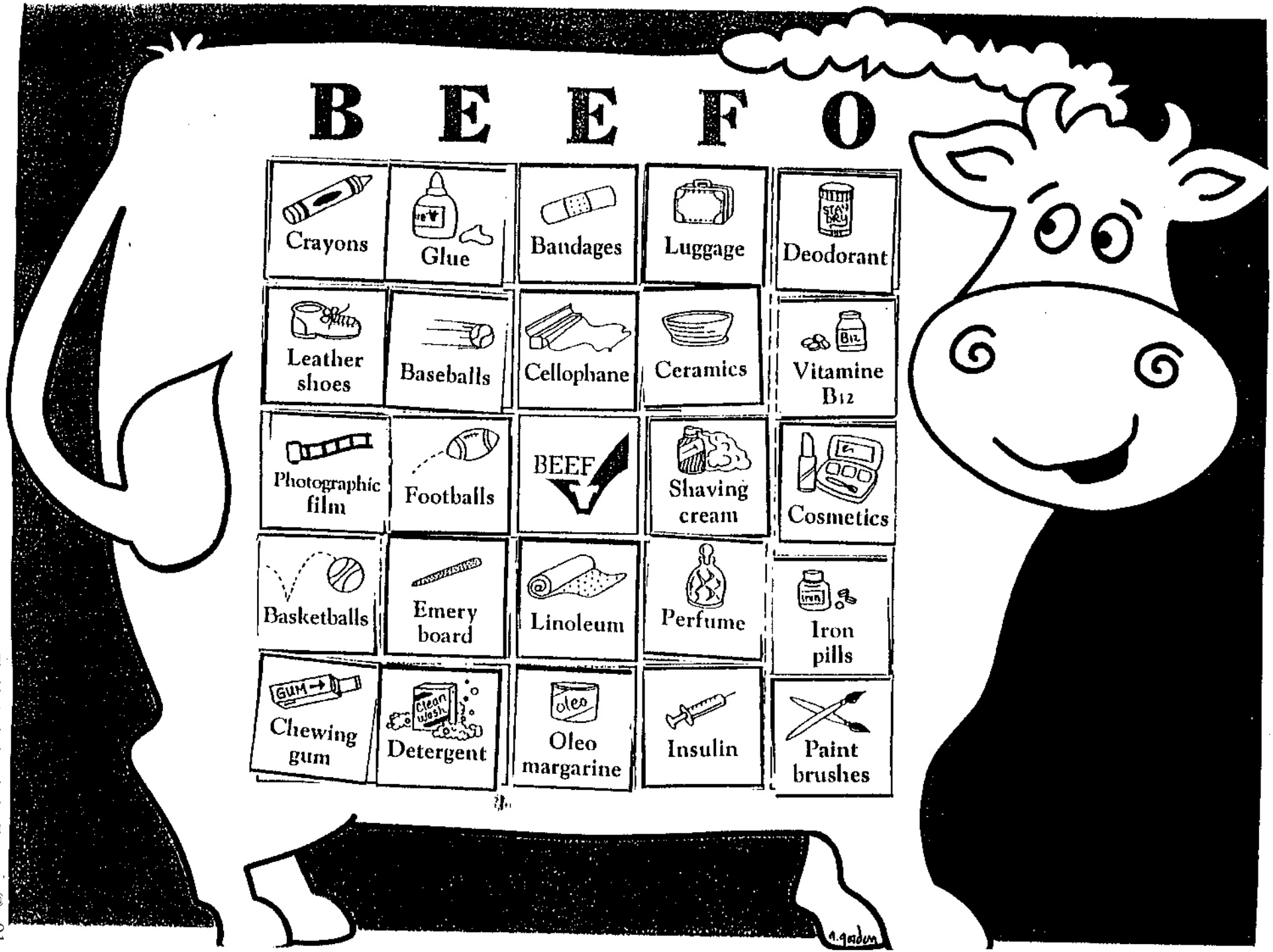
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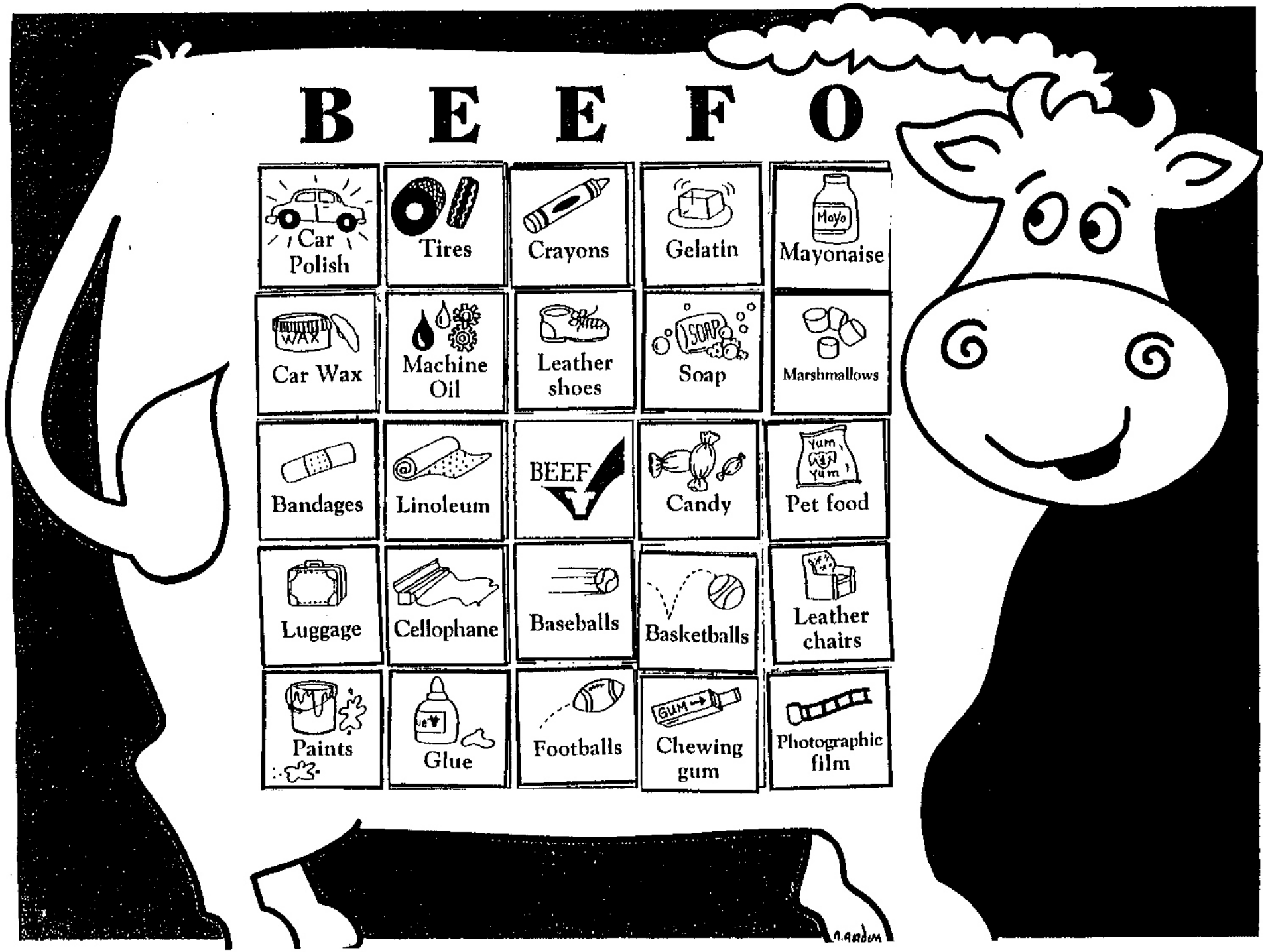
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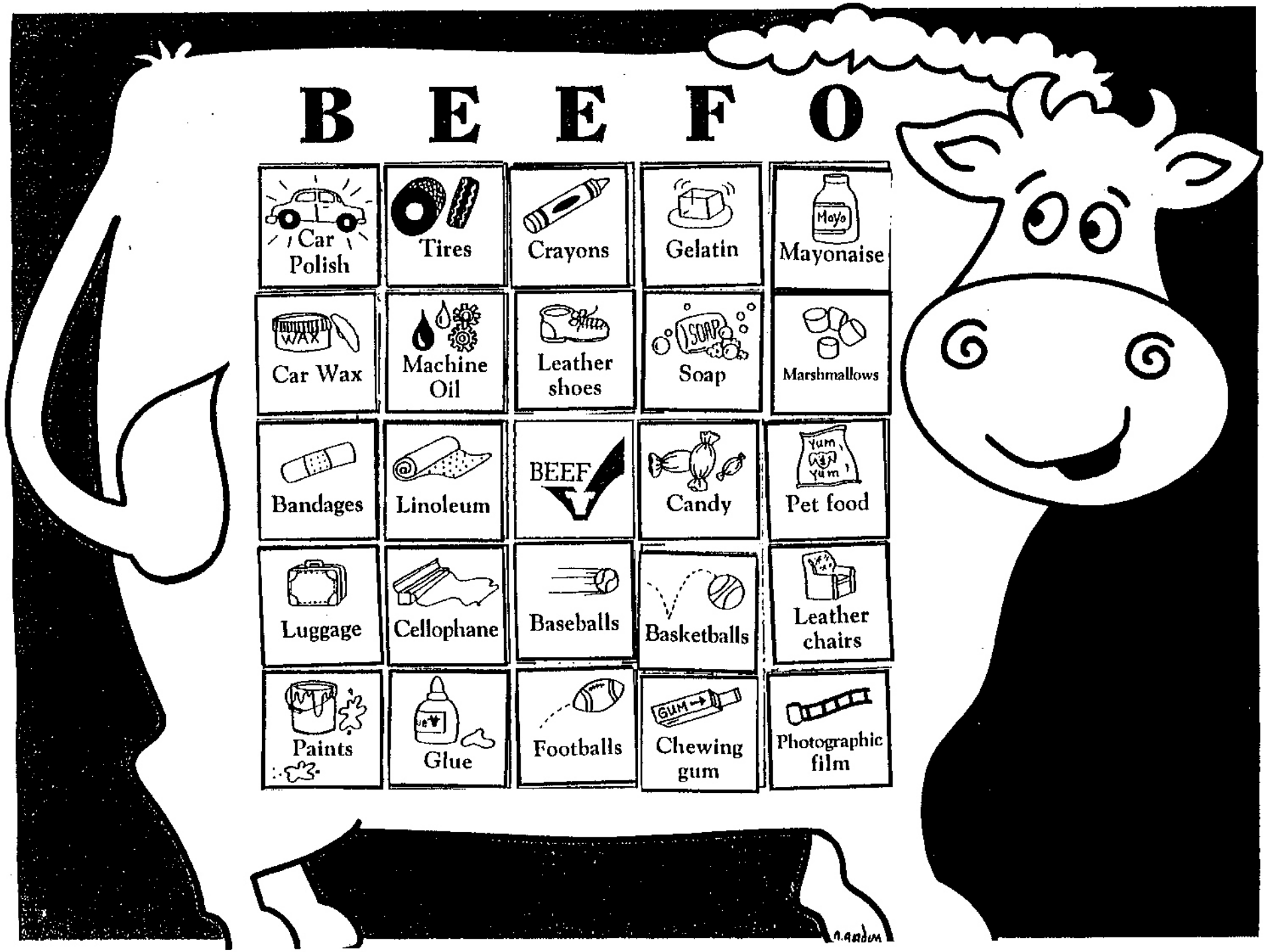
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