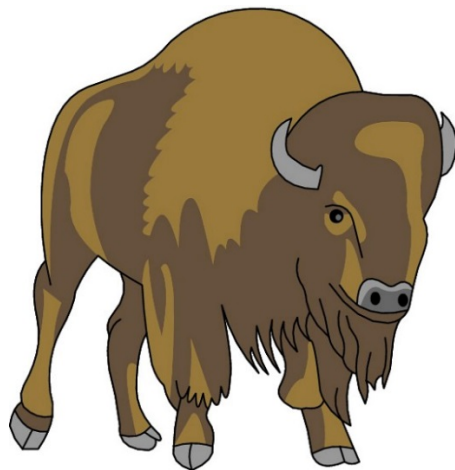


What's the Story
3rd Grade
Where the Buffalo Roam

Resource Packet
Booth Western Art Museum



What's the Story? Connecting Art & Literacy

3rd grade: Where the Buffalo Roam

Fine Arts, Visual Arts

Websites:

Molly Goodnight:

www.texasbison.org/legacy_of_thunder.htm

www.texoso66.com/2015/06/04/molly-ann-dyer-goodnight

Buffalo:

www.wildnatureimages.com/Buffalo-Bison-Photos.htm

www.firstpeople.us/FP-Html-Pictures/buffalo_pg1.html

www.gettyimages.in/creative/american-bison-stock-photos

Characteristics of buffalo:

www.planetozkids.com/oban/animals/facts-bison.htm

Materials: Drawing worksheet, colored pictures of buffalo, drawing paper, pencils, colored pencils, crayons, cotton balls, glue

Math

Materials: Word problem activity sheet & answer sheet

Science

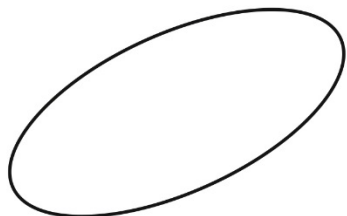
Materials: map of original range of buffalo, map key, internet, textbooks, books, charts, posters, etc.

Source:

https://commons.wikimedia.org/wiki/File:Bison_original_range_map.svg

How to Draw A Buffalo

Step 1



Step 2



Step 3



Step 4



Where the Buffalo Roam?

Math Activity

Directions: Using multiplication or division, solve each problem by writing an equation with a symbol for the unknown number. Check your answer.

Example: If one buffalo is nine feet long, how many buffalo standing head to tail would you need to have a line of buffalo 54 feet long?

- $9 \times n = 54$
 - $54 \div 9 = 6$
 - $n = 6$
 - $9 \times 6 = 54$
1. In the wild, buffalo bulls may have lived 30 to 40 years or longer. If there were 2 buffalo, each one turning 37 years old on his next birthday, how many birthday candles would you need for both buffalo?
 2. A typical tipi for a Plains Indian family could require between 18 and 24 buffalo hides. If your family needed a tipi requiring 22 hides how many hides would 4 families the same size as your family require?
 3. In one Native American village, a total of 96 buffalo hides were used to make tipis for 4 families. If each tipi had the same number of hides, how many buffalo hides were used for each tipi?
 4. If a buffalo eats 60 pounds of food a day, how much might it eat in 5 hours?
 5. An adult buffalo is 5 – 6 feet tall. If you could stack 5 buffalo on top of each other, how tall would the stack of buffalo be if each buffalo is 5 feet tall? What if each buffalo is 6 feet tall?

Where the Buffalo Roam Math Answers

1. $2 \times 37 = n$
 $2 \times 37 = 74$ candles

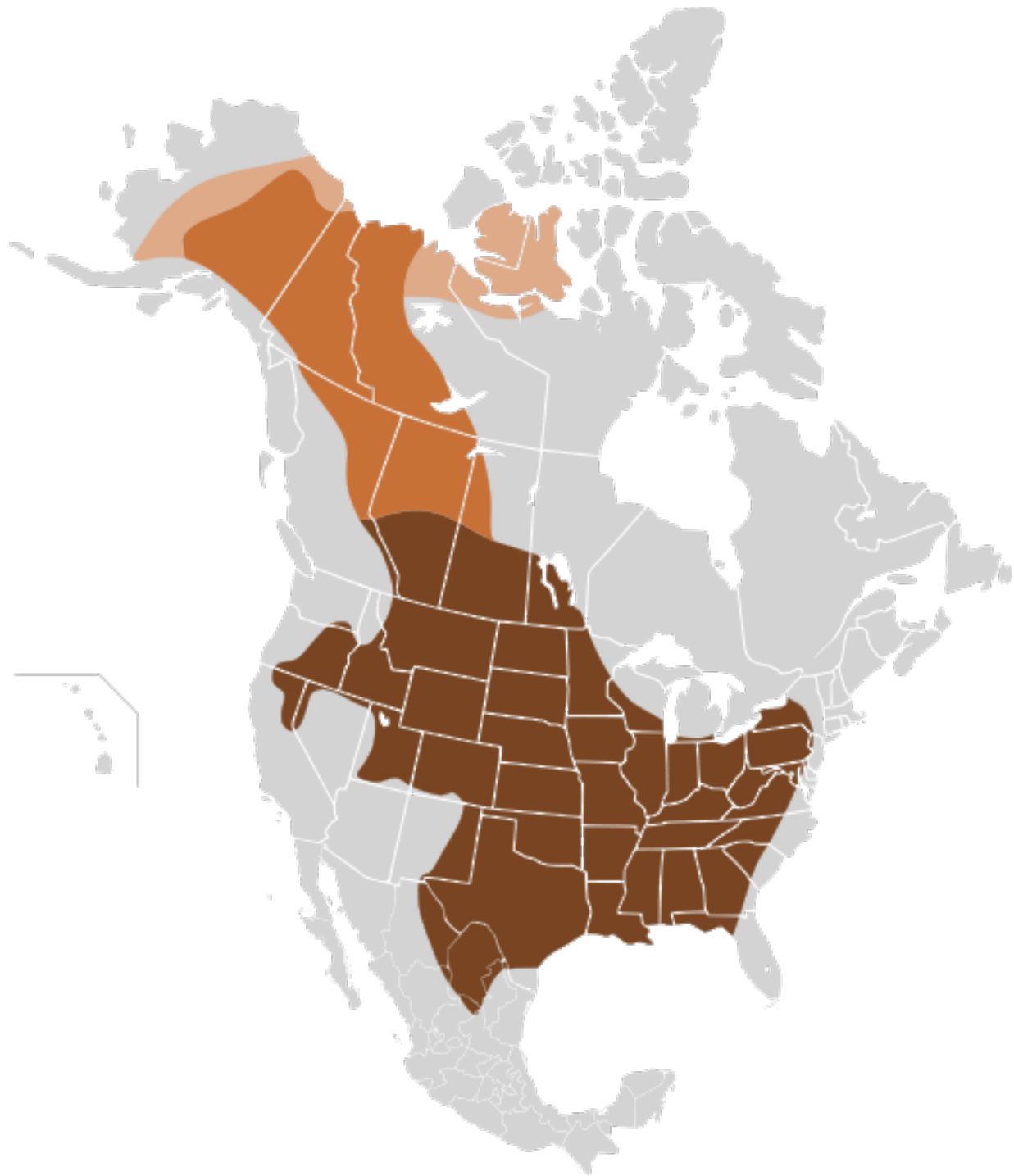
2. $22 \times 4 = n$
 $22 \times 4 = 88$ hides

3. $96 / 4 = n$
 $96 / 4 = 24$ hides

4. $60 / 12$ hours = n
 $n = 5$ hours
 $5 \times 5 = 25$ pounds

5. $5 \times 5 = n$
 $5 \times 5 = 25$ feet tall

$5 \times 6 = n$
 $5 \times 6 = 30$ feet tall



English: Original distribution of plains bison (*Bison bison bison*) and wood bison (*Bison bison athabasca*) in North America, based on available zooarchaeological, paleontological, oral and written historical accounts. Holocene bison (*Bison occidentalis*) is an earlier form at the origin of *B. b. bison* and *B. b. athabasca*.

- Holocene bison
- Wood bison
- Plains bison