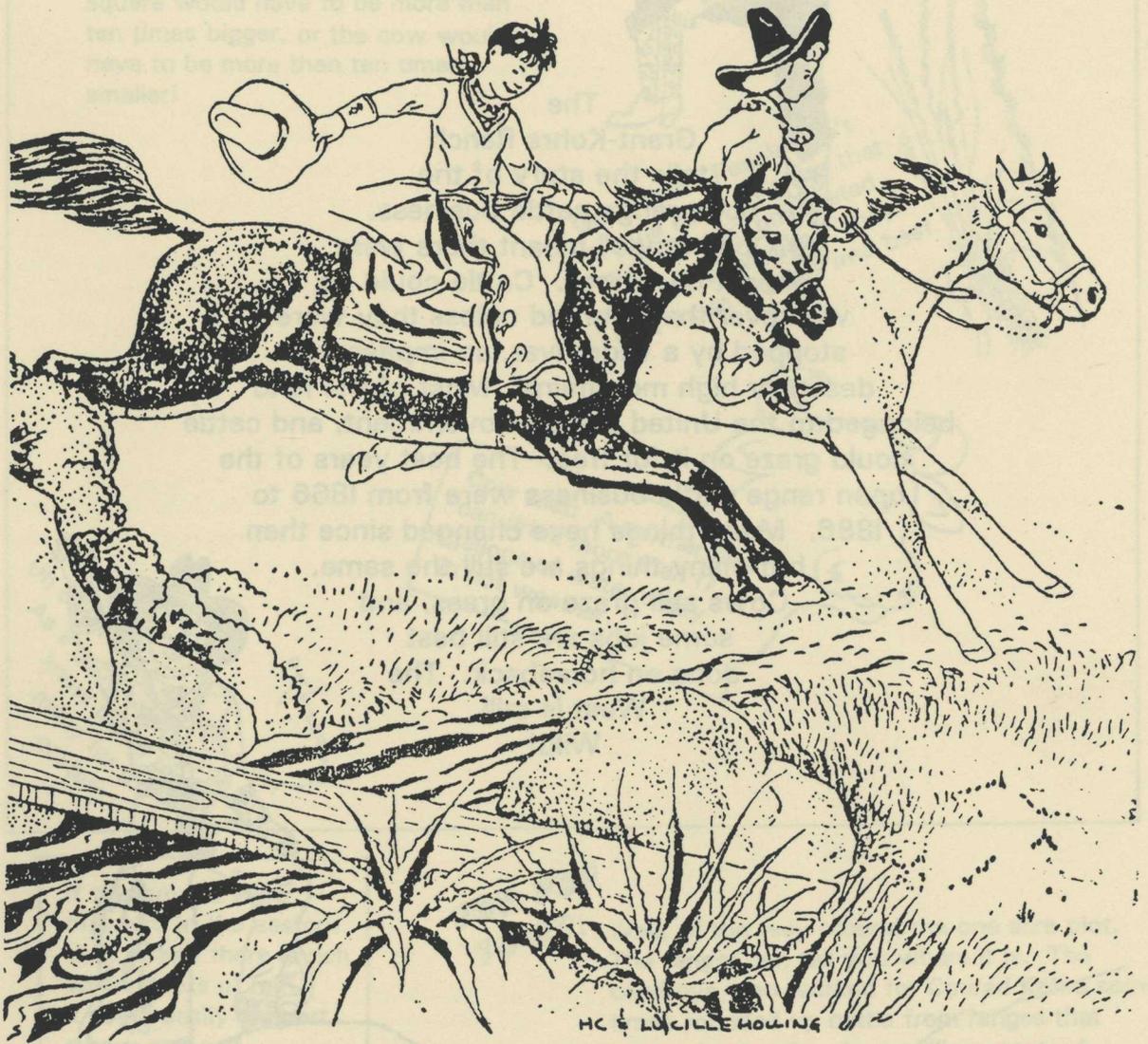


GRANT-KOHR'S RANCH



JR. RANCHER WORKBOOK



The Grant-Kohrs Ranch tells the story of the open range cattle business.

"Open range" meant there were almost no fences. Cattle could go wherever they wanted unless they were stopped by a wide river, an impassable desert or high mountains. Most of the land belonged to the United States Government, and cattle could graze on it for free. The best years of the open range cattle business were from 1866 to 1886. Many things have changed since then but many things are still the same.

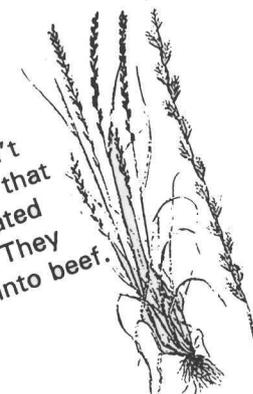
Cows still graze on grass, and some jobs are still best done on horseback. The West is still Wild!



If this 6" square were 12 acres, a cow would look this big on it: It takes 12 acres of good grazing land to feed a cow and calf for one year in the dry West. It can take more than 125 acres of bad grazing land (poor soil, not enough rain) to feed a cow and calf. Then this square would have to be more than ten times bigger, or the cow would have to be more than ten times smaller!



Grass fact: People can't eat the kinds of grass that grow on thin, unirrigated soil, but cows can. They turn those grasses into beef.



Cow fact: A mother cow can drink more than 17 gallons of water a day in hot weather.

Uh oh! Here's another cow! As a good rancher you know that's too many for the pasture!



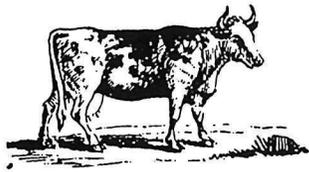
If this square were one acre in the eastern U.S. where there is rich soil and lots of rain, it could easily support a cow and calf.

FOR YOU TO DO:

Walk all the way around the one acre plot. The ranger can tell you where it is. The cowboys who worked for Conrad Kohrs sometimes rounded up cattle from ranges that covered more than two million acres. A "range" was an unfenced area where cattle could wander wherever they wanted.

FOR YOU TO DO:

Cattle provide at least part of everything on this list. Check off the things you use that come from cattle.



- | | | |
|-------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> Beef | <input type="checkbox"/> Piano keys | <input type="checkbox"/> Insulin |
| <input type="checkbox"/> Leather | <input type="checkbox"/> Crayons | <input type="checkbox"/> Vitamin B12 |
| <input type="checkbox"/> Film | <input type="checkbox"/> Soap | <input type="checkbox"/> Airplane runway foam |
| <input type="checkbox"/> Paintbrush | <input type="checkbox"/> Perfume | <input type="checkbox"/> Marshmallows |
| <input type="checkbox"/> Candles | <input type="checkbox"/> Floor wax | <input type="checkbox"/> Ice Cream |

FOR YOU TO DO:

Name two kinds of grass seeds that people eat.

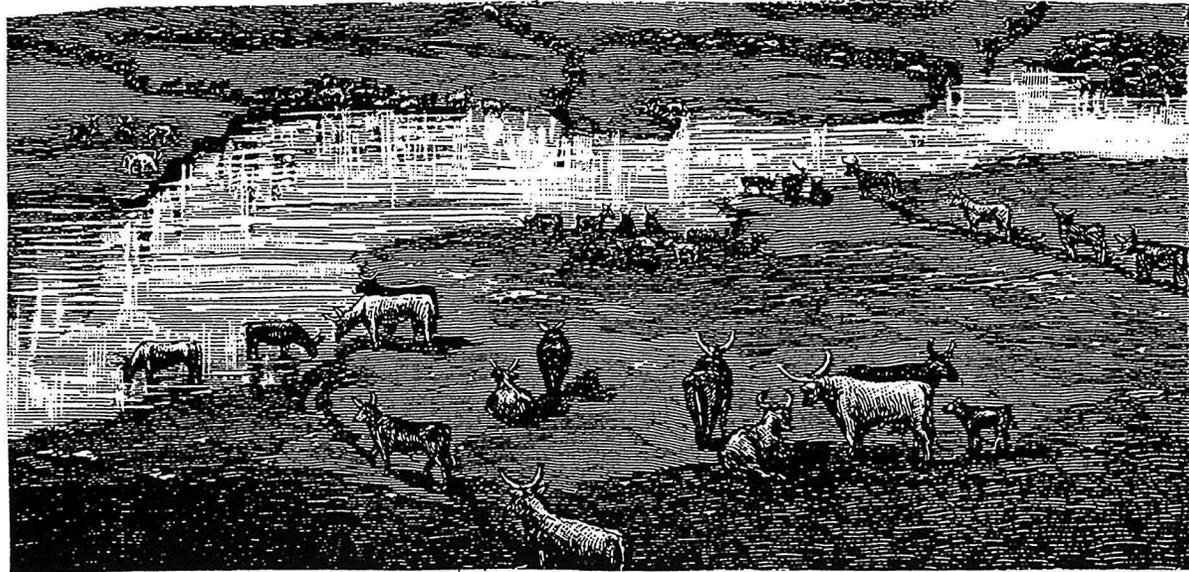
- _____
- _____

Hint: Grass seeds can be called cereal grains.

FOR YOU TO DO:

Write down two water sources for thirsty cows at this ranch.

- _____
- _____



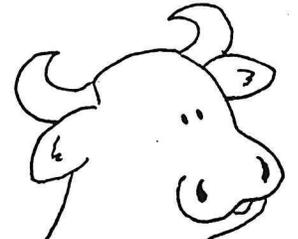
Swinging A

Rocking A

Crazy A

Lazy A

Flying A



Cow fact: During the winter a cow will eat 1 1/2 tons of hay.

Brands are marks put on cattle and horses to show who they belong to. Reading brands is a special skill. Brands are read from left to right, outside to inside and top to bottom.

Reverse R R Monogram

Tumbling A

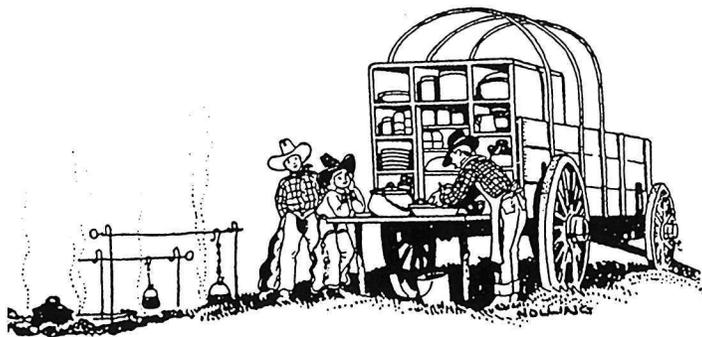
Circle B

FOR YOU TO DO: Design a brand for yourself. Put your brand here

Y Hanging Lazy P

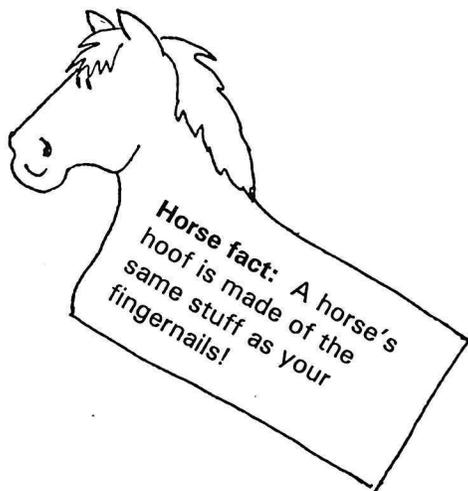
What is the most important use for leather? → To hold the cow together!

During a roundup, (when cowboys gathered cattle to brand and doctor them) and during a trail drive, (when cattle were herded to market or new ranges) the cowboys might not see their bunkhouse or a town for weeks. Then they would eat beans, beef, coffee and sourdough biscuits fixed by a cook who travelled with them in a rolling restaurant.

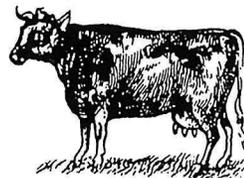
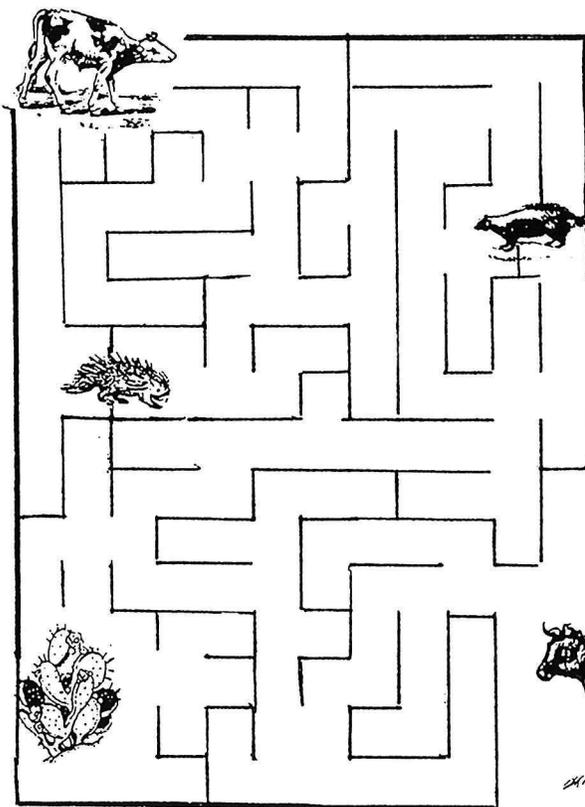


FOR YOU TO DO:

Write down what a rolling restaurant was really called: _____

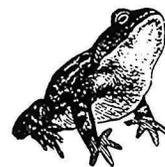
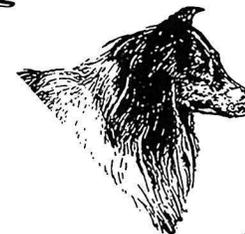
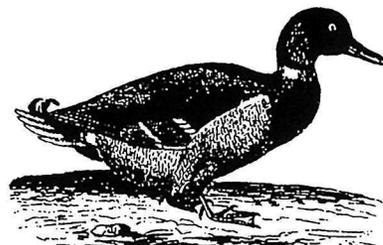
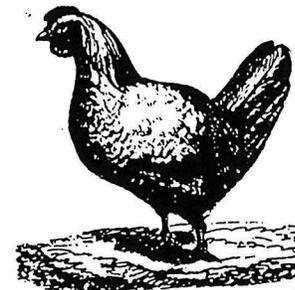


FOR YOU TO DO: Help the cow find her calf.



FOR YOU TO DO:

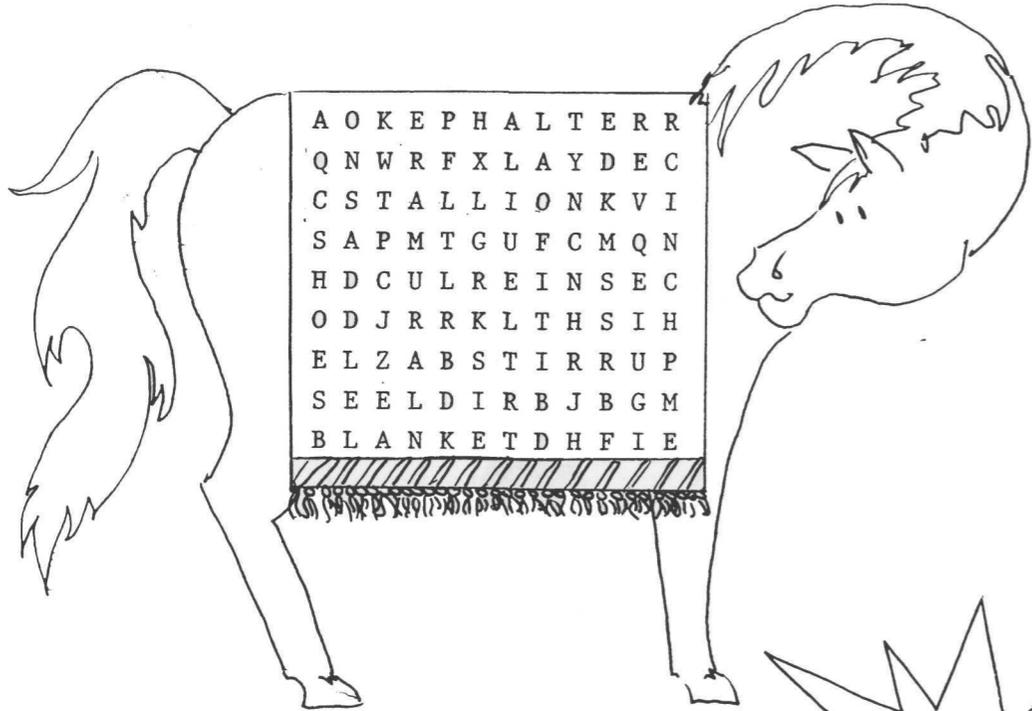
Circle the animals you'd expect to find on a ranch in Montana. (Hint: There are many wild animals that share the land with domestic animals.)



FOR YOU TO DO:

All these words have to do with horses and their equipment. Circle them in the word search puzzle. They go forward, backward, diagonally and upside-down.

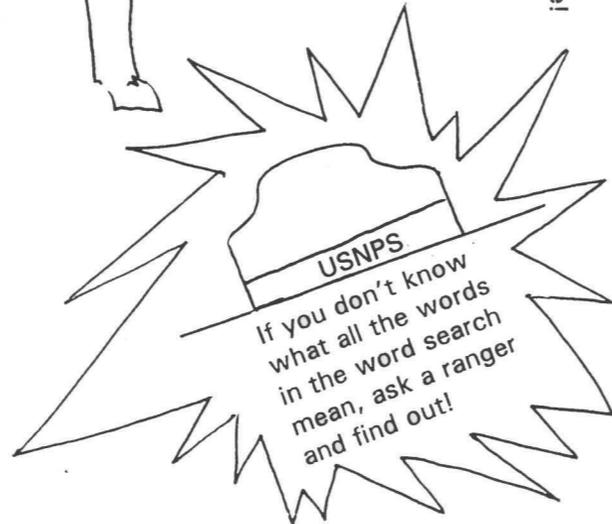
- | | |
|---------|----------|
| BIT | REINS |
| BLANKET | SADDLE |
| BRIDLE | SHOES |
| CINCH | SLICKER |
| FOAL | SPUR |
| HALTER | STALLION |
| MARE | STIRRUP |



A	O	K	E	P	H	A	L	T	E	R	R
Q	N	W	R	F	X	L	A	Y	D	E	C
C	S	T	A	L	L	I	O	N	K	V	I
S	A	P	M	T	G	U	F	C	M	Q	N
H	D	C	U	L	R	E	I	N	S	E	C
O	D	J	R	R	K	L	T	H	S	I	H
E	L	Z	A	B	S	T	I	R	R	U	P
S	E	E	L	D	I	R	B	J	B	G	M
B	L	A	N	K	E	T	D	H	F	I	E



For more than a thousand years, people have believed that horseshoes can bring you good luck!



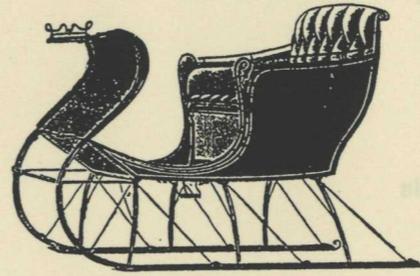
USNPS
If you don't know what all the words in the word search mean, ask a ranger and find out!

Why did the pony sound like it had a cold?

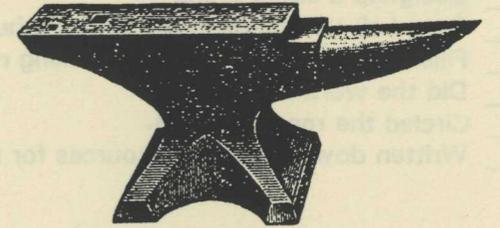
Because it was a little horse!

FOR YOU TO DO:

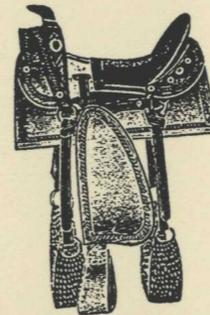
Find the things pictured in this "Treasure Hunt". Write down the number of the building you find each object in (or near).



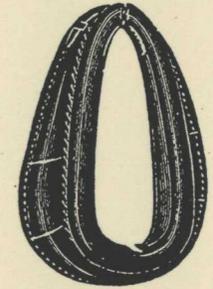
Cutter, Building # _____



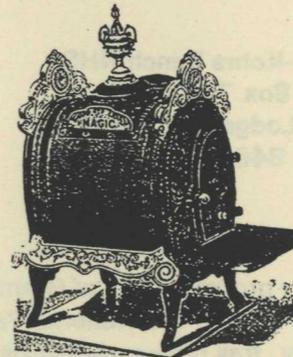
Anvil, Building # _____



Saddle, Building # _____



Horse Collar, Building # _____



Wood Stove, Building # _____



Coffee Grinder, Building # _____

I have done at least nine of the following Junior Rancher activities:

- Walked around one acre
- Thrown a rope at the post
- Thought of three uses for a bandana
- Named two kinds of grass seeds that people eat
- Helped the cow through the maze
- Checked off the things I use that come from cows
- Designed a cattle brand
- Found all the things in the treasure hunt
- Filled in the real name for the rolling restaurant
- Did the word search
- Circed the ranch animals.
- Written down two water sources for thirsty animals

MY NAME _____

DATE _____



Grant-Kohrs Ranch NHS
P. O. Box 790
Deer Lodge, MT 59722
(406) 846-2070

Some National Parks and Historic Sites have Junior Ranger programs, but at Grant-Kohrs Ranch you can become a Junior Rancher! This ranch became part of the National Park System in 1972 so people could learn about the days of the cowboy, trail drives, roundups and ranches. This ranch was one of the biggest. When you visit other National Park areas, ask if they have a Junior Ranger Program.