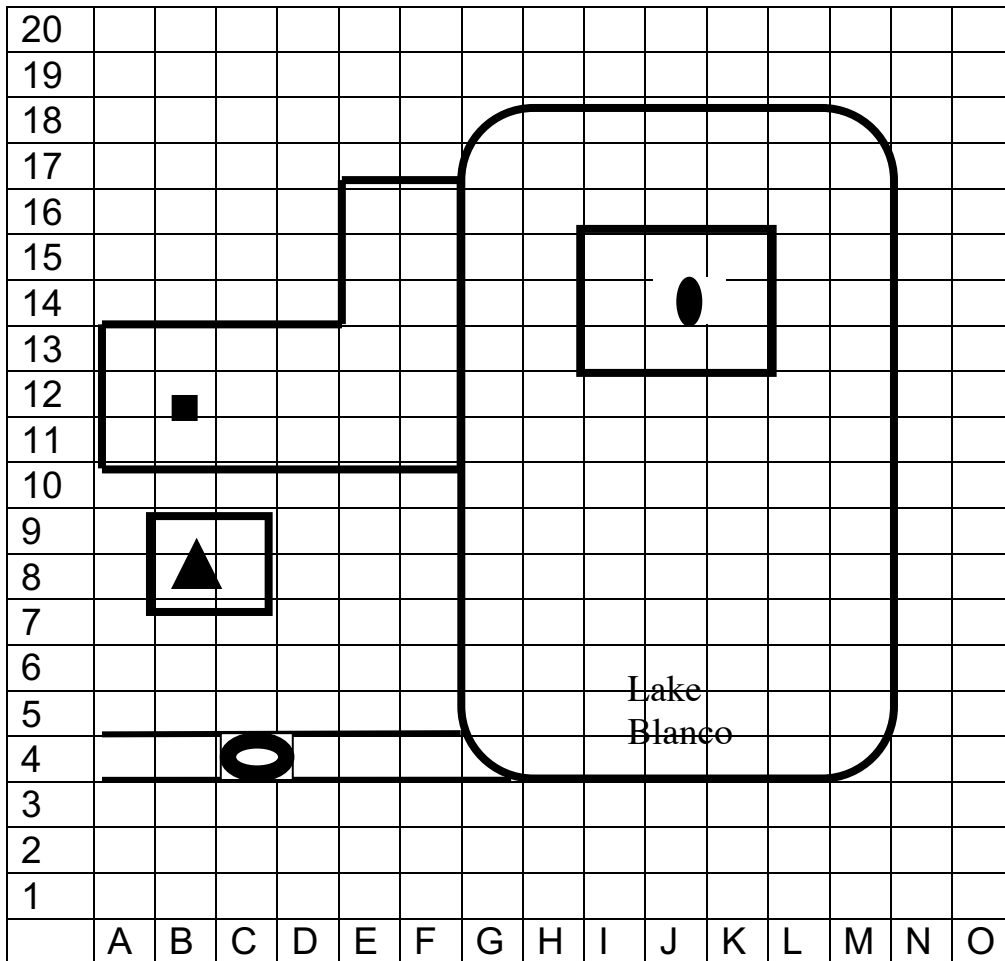




Lake Blanco

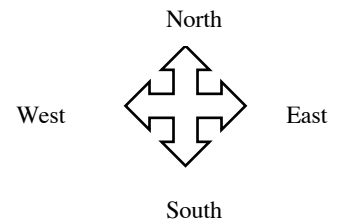
Name _____



Map Key

-  island
-  restrooms
-  parking lot

-  canyon
-  10 square feet



Name _____

Reading the Map

1. Where would you park the bus? D-12 or K-9
2. Where would you find the restrooms? B-8 or C-4
3. If you were in the parking lot, which way would you have to go to get to the restrooms? south or north
4. If you were in the canyon, which way would you have to go to get to the lake? west or east

Using Your Math Skills

1. How many squares make up Lake Blanco? (Do not count the squares that make up the island.)

What did you do about the squares that were not whole?

2. Each square on the map equals 10 square feet. A half of a square would then equal _____ square feet.

Example: How many squares make up the restrooms? 4 How many square feet would this be? $10 \times 4 = 40$ square feet

3. How many squares make up the island? _____ How many square feet would this be? _____
4. How many squares make up the canyon? _____ How many square feet would this be? _____

Answer Key to Reading the Map

Map Reading

1. D-12
2. B-8
3. south
4. east

Math

1. There are 92 whole squares if you do not count the island. If you count the 4 half squares as 2 whole squares, this would equal a total of 94 squares.

Answers can vary about what to do with parts of squares.

- You can estimate how much to add or subtract.
- You could ignore them and use the term “more than.”

In the answer above, we estimated that the 4 parts of squares would equal 2 whole squares.

2. 5 square feet
3. 9 square feet $9 \times 10 = 90$ square feet
4. 6 square feet $6 \times 10 = 60$ square feet or 6 and 1/2 feet $\times 10 = 65$ square feet

Lake Mapping Activity

Names of Group Members _____

14														
13														
12														
11														
10														
9														
8														
7														
6														
5														
4														
3														
2														
1														
	A	B	C	D	E	F	G	H	I	J	K	L	M	N

Map Key:

Names of Group Members _____

1. Draw a map with the following human and natural features: lake, island, trees, restrooms, parking lot, trashcan, and picnic tables.
2. You must also include a compass rose with the cardinal directions, a map key for your symbols, and 3 questions that locate places on the map.
3. You must also write the answers to the 3 questions. Write your 3 questions and their answers on the back of the map paper. **Example: Where is the trash can? Answer: B-4**

Map Making Scoring Guide

human and physical features on the map

_____ lake
_____ island
_____ trees
_____ restrooms
_____ parking lot
_____ trashcan
_____ picnic tables

_____ Total (7 PTS)

_____ compass rose with the cardinal directions (2 PTS)

_____ map key for your symbols (7 PTS)

_____ 3 questions that locate places on the map (3 PTS)

_____ correct answers to the 3 questions (3 PTS)

Total (22 PTS) _____

Math Scoring Guide

Use this example to create 3 math questions about your map.

Example: How many squares make up the restrooms? 4 How many square feet would this be? $10 \times 4 = 40$ square feet

_____ wrote 3 math questions (6 PTS)

_____ had correct answers to the math questions (6 PTS)

Total (12 PTS) _____

Campsite Selection

Names of Group Members _____

We used the map made by _____

Directions: You are a group of teachers picking a campsite for the third grade campout. As a group, you must decide on the best location for the campsite. After your group has decided on a campsite, put a large X on the map marking its spot. You must explain why this campsite would be the best spot. You will need to write at least three sentences explaining your choice.

3 - Locates campsite with an X and writes 3 mistake-free sentences that support the decision to camp there.

2 - Locates campsite in a poor spot or has only 2 sentences explaining the decision to camp there.

1 - No campsite marked or does not have at least 2 sentences

Our sentences explaining our decision to camp at this spot (X).

1

2.

3.

Our Score _____