

## STUDENT WORKSHEETS

### BRAINSTORM AND COMPARE DATA

Create a list of the activities you would most like to have at your camp:

1. Horse Pens
2. bonfire
3. Park
4. Dogs
5. Store
6. fishing

Complete the table. First, put the correct comparison symbols  $<$   $>$   $=$  in the first gray column.

Then, choose Plot A or B to complete the comparison statement.

	Plot A	Comparison Symbol	Plot B	Comparison Statement
Flat land area	972,364 sq yd	$>$	896,487 sq yd	Plot <u>A</u> has more flat land area.
Forest area	673,129 sq yd	$<$	736,291 sq yd	Plot <u>B</u> has more lake area.
Lake area	421,235 sq yd	$<$	412,532 sq yd	Plot <u>A</u> has more forest area.
Tallest hill height	1,247 ft	$>$	836 ft	Plot <u>A</u> has a taller hill.

Think about which land features are most important for the activities you want to have at your camp.

Make note of which Plot, A or B, would best meet your needs. Complete the statement below.

Plot A would be better for my camp.

## OPINION AND EVIDENCE WRITING FRAME

Your teacher will tell you whether you are complete this page OR page 5. You should complete only one of these pages, but not both.

Think about the activities you want at your camp and the numbers you compared. Write your opinion about which plot of land you would choose to buy and use mathematical reasons to support your opinion. Explain both why you chose the plot of land you chose and why you did not choose the other plot.

I would choose Plot A to build my camp.

One reason I would choose Plot A is because it has a big<sup>er</sup> lake to fish and swimming.

That is better than Plot B because it has a smaller lake and less flat land.

Another reason I would choose Plot A is because it has more flat land to put a horse on and also to build cabins.

That is better than Plot B because it has more forest than A and I don't need forest.

In all, Plot A is better because it has more land.