

Locked Out

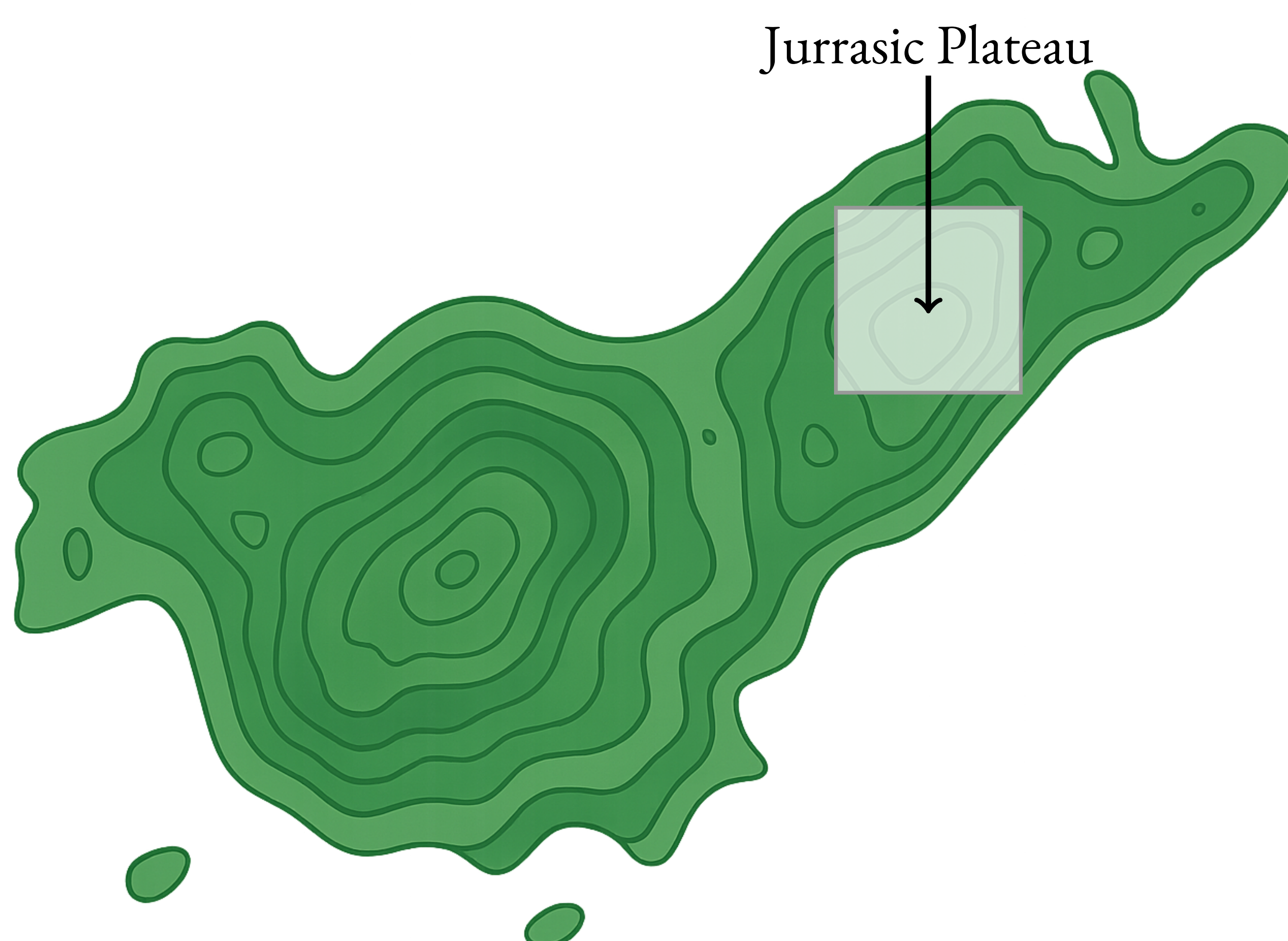
JURRASIC PARK

The island Isla Nobler has been abandoned for many years. You are an entrepreneur who is trying to make the park operational. You've identified a square region on the island that you have named the *Jurassic plateau* (shown below) where you can build the park. You will need to consult each one of the experts below to ensure the park's operation and sustainability:

- 1) Dr. Sech Sieben, our leading ecologist, has prepared a field guide summarizing elements that must be *included* in your park as well as those that must be *excluded*.
- 2) Dr. Elara Thalasson, our field biologist, has mapped the location of each element. Mark the grid cells containing each element with their proper symbols.
- 3) Our head electrician has determined how to restore power to the park's original generators. You must restore power to electrify the fences and ensure guest safety.
- 4) Cassian Fourier, P.Eng., our lead engineer, has outlined how to finalize the enclosure. You must obey all rules and constraints he provides. You must also determine the costs for constructing the enclosure.

Hint: You may need to consult some specialists before others...

$$\sum [\text{Element Locations Idenified}] + \sum [\text{Power Restored}] + \sum [\text{Built Enclosure}] + C_{\text{total}} = \text{[FINAL ANSWER]}$$



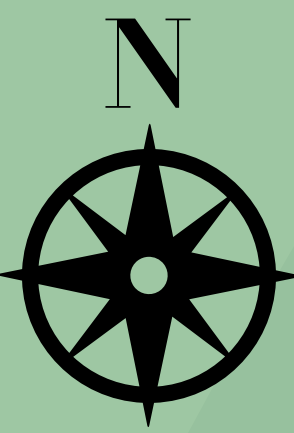
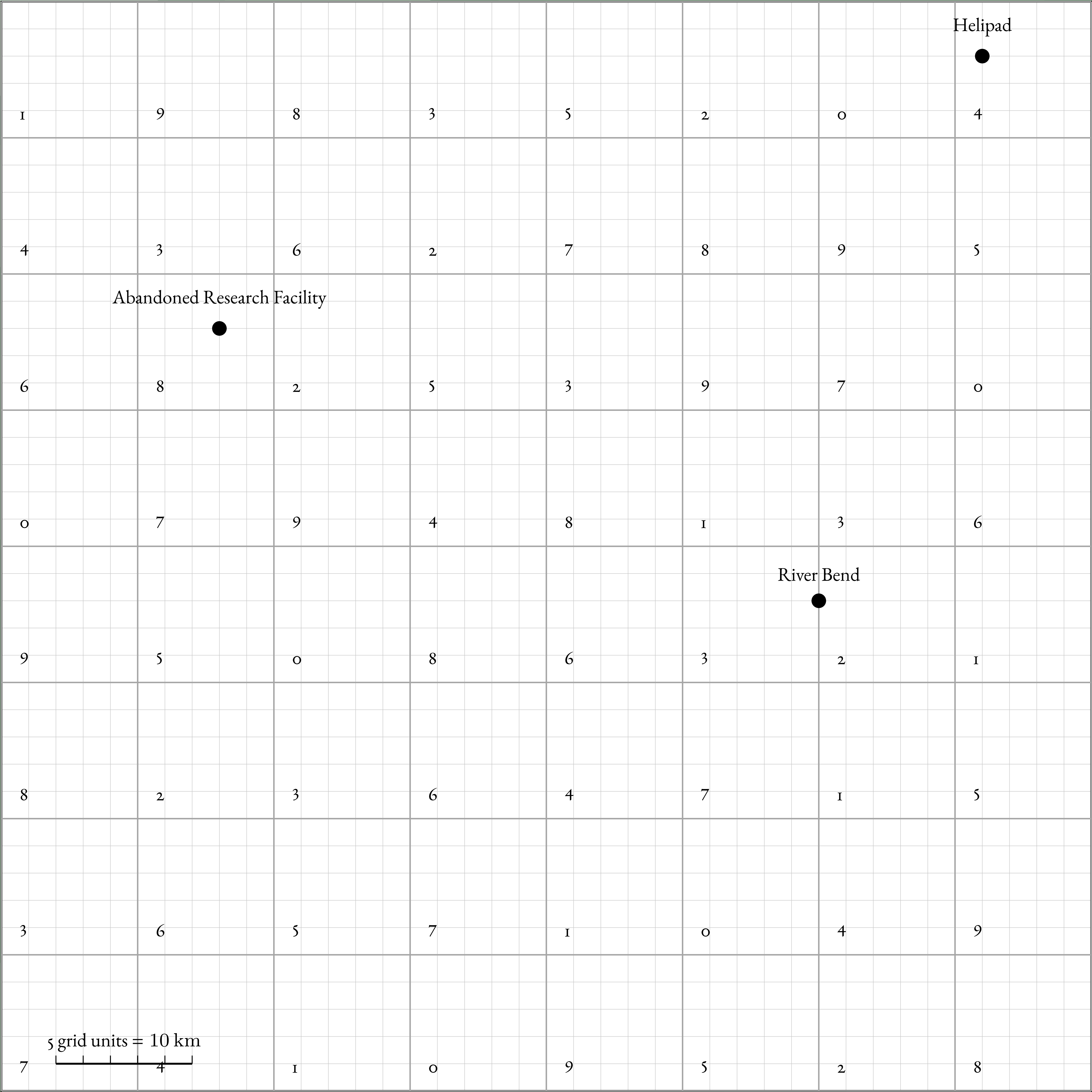
IDENTIFY ELEMENTS

Identify Important Elements from Jurassic Park

The Jurassic Plateau can be broken into a 40×40 unit grid. Use the *Survey Unit Master Table* to figure out where different elements from Dr. Sech Seiben’s journal appear on the grid.

Each element will be contained within one of the 64 cells of the Jurassic Plateau. Place the symbols in the right spots and sum the values in the bottom left hand corners of the cells to determine the answer.

Elements : $\{\alpha, \otimes, \varphi, \leftrightarrow, \mathbb{Z}, \lambda, \sigma, \ominus, \div, \psi, \delta, P(x), \epsilon, \beta, i\}$



DR. ELARA THALASSON

JURASSIC PLATEAU SURVEY LOGS

1. **[Field Log – Day 7]**

Skies were clear enough for a straight run. I left the Abandoned Research Facility and flew directly to the Helipad to check the comms relay. Halfway along that diagonal, the radio went dead and the tracker spiked — I was over the core territory of a Sigmasaurus Rex.

2. **[Field Log – Day 12]**

From River Bend I followed a service line due east for one *kilo*-brachiosaur neck. This was followed by a sprint at one (tyr) for ten raptor minutes, and after that I continued another *kilo*-pterodactyl wingspan east. From there I climbed due north for three *kilo*-brachiosaur necks to reach open ground. A calm herd of alphapods grazed along the ridge.

3. **[Field Log – Day 14]**

Today I mapped the Divisaur hunting grounds region. It can be reached by travelling at velociraptor sprint for forty-five raptor-minutes from River Bend. The region is also within a radius of sixteen *kilo*-pterodactyl wingspans of the Abandoned Research Facility, and within a radius of twenty-two *kilo*-pterodactyl wingspans of the Helipad.

4. **[Field Log – Day 20]**

I launched from the Helipad to escape the lowland fog, but the mist rolled in anyway. I tracked due west for three *kilo*-brachiosaur necks, then kept pushing west for four *kilo*-pterodactyl wingspans. From that point I descended due south for five *kilo*-brachiosaur necks, landing me in Nebulodon territory.

5. **[Field Log – Day 27]**

A day later I returned to the Helipad for more exploring. I stepped due east for one *kilo*-stegosaurus stride, then followed a long descent due south for six *kilo*-brachiosaur necks. The ground felt perfectly stable until it suddenly wasn't: a borderline failure zone — Limitlipsalon.

6. **[Field Log – Day 40]**

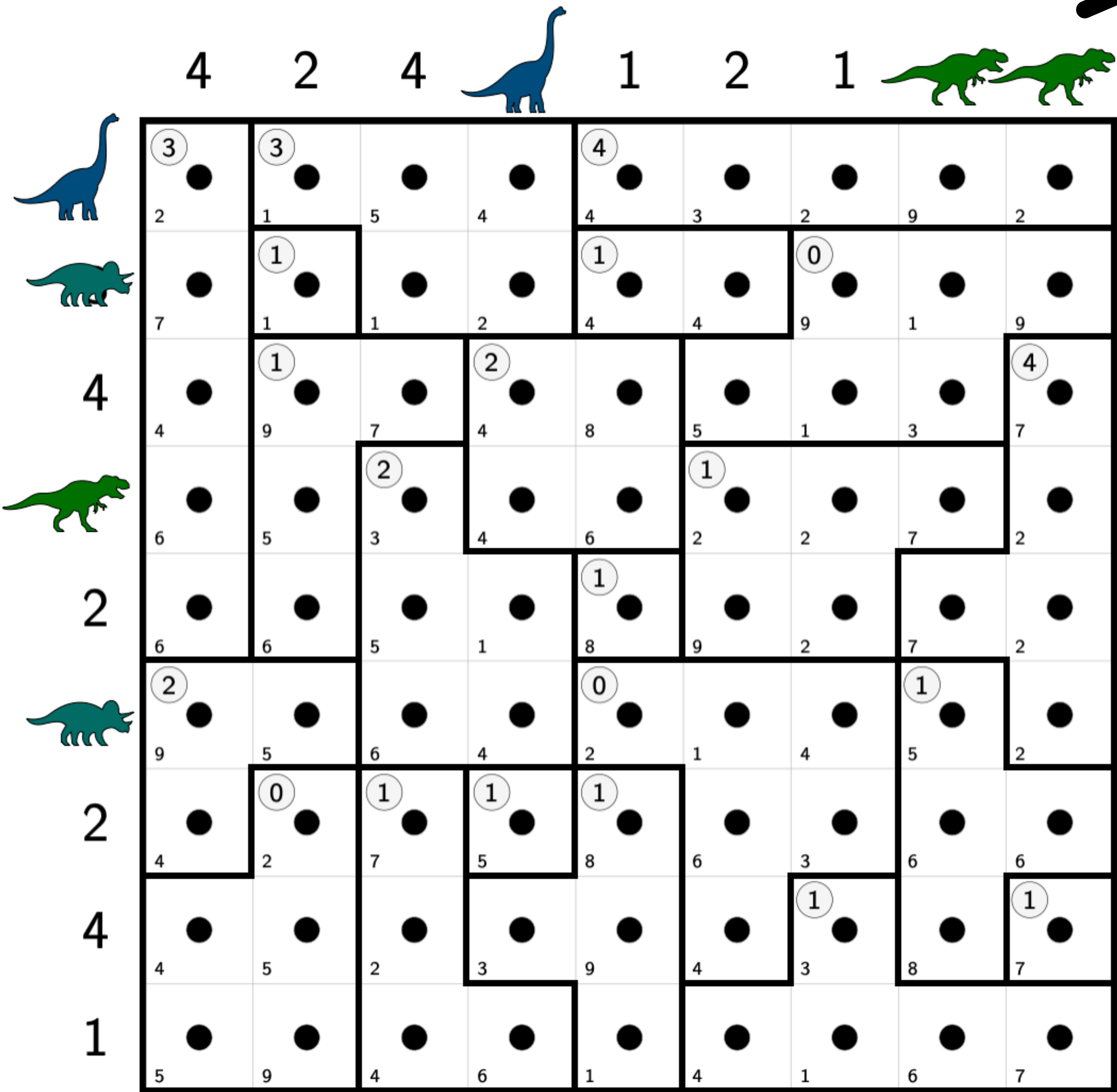
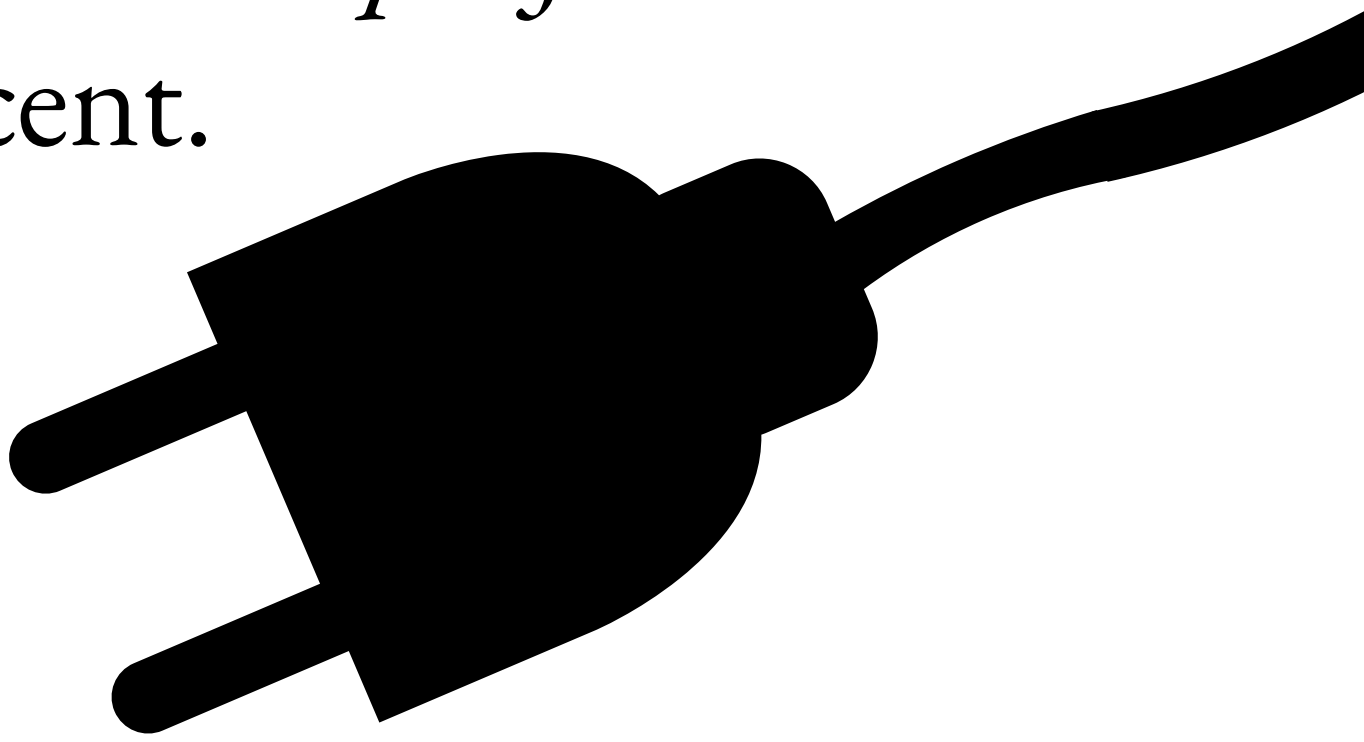
Final night run. I left the Abandoned Research Facility with the scout-bike and let it run east at velociraptor sprint for one roar-time. I continued one *kilo*-stegosaurus stride and one *kilo*-pterodactyl wingspan further east along the ridge. From that point I dropped straight south: one nest-watch at velociraptor sprint, followed by three *kilo*-brachiosaur necks and two *kilo*-stegosaurus strides into the canyon. I never saw it, but the howls circled the rock walls — the Imaginary Howler.

RESTORE POWER

Reroute Power to Essential Systems

In order to bring the security fences, surveillance systems, and environmental controls back online, the engineering team must manually reroute electricity through the remaining operational circuits. Only a limited amount of power can be redirected, and not every subsystem can receive energy at once. Your task is to determine exactly which grid cells should be energized so that every row, column, and containment cage receives the correct number of powered circuits (indicated by numbers). The circled numbers in the *top left* of cages indicate how many cells are energized in that cage. Energized cells *may* be adjacent.

Shade each energized cell where the power has been rerouted.



When you believe the power has been correctly rerouted, sum the numbers in the *bottom left* of all shaded cells to arrive at answer.

BUILD JURASSIC PARK

Design the Enclosure

						<div>4</div>	Helipad ● 4
1	9	8	3	5	2	0	
<div>2</div>	<div>9</div>						
4	3	6	2	7	8	9	5
Abandoned Research Facility ●					<div>5</div>		
6	8	2	5	3	9	7	0
0	7	9	4	8	1	3	6
		<div>7</div>	<div>11</div>		River Bend ●		
9	5	0	8	6	3	2	1
8	2	3	6	4	7	1	5
			<div>4</div>		<div>4</div>		
3	6	5	7	1	0	4	9
			Infinity Falls ●		<div>5</div>		
7	4	1	0	9	5	2	8

Prove you’ve constructed Jurrasic Park properly by summing the digits in the bottom left hand corner of the cells in your enclosure.