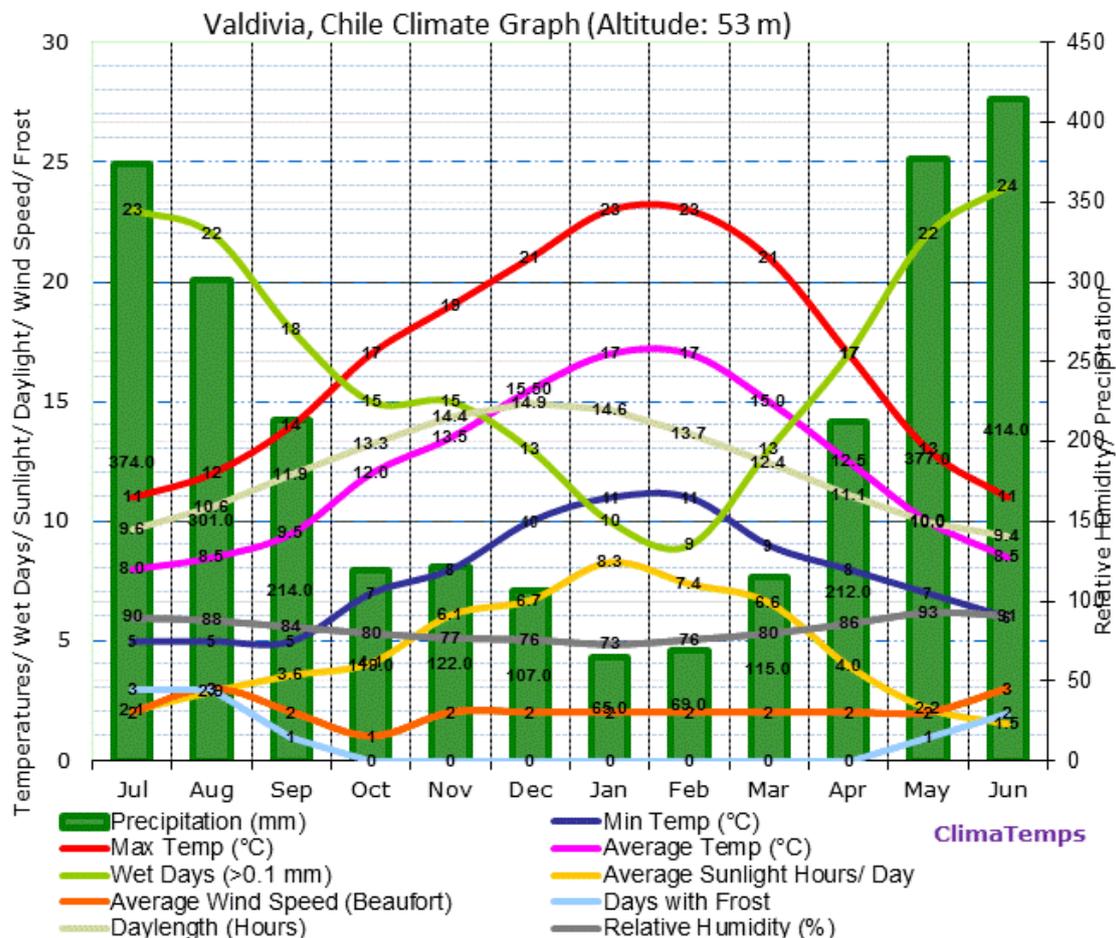


YEAR 8 GEOGRAPHY EXTENSION BOOKLET

RAINFORESTS

Name:
Class:

ALL ABOUT DATA



What months do you think are summer in Valdivia?

What makes this graph hard to read?

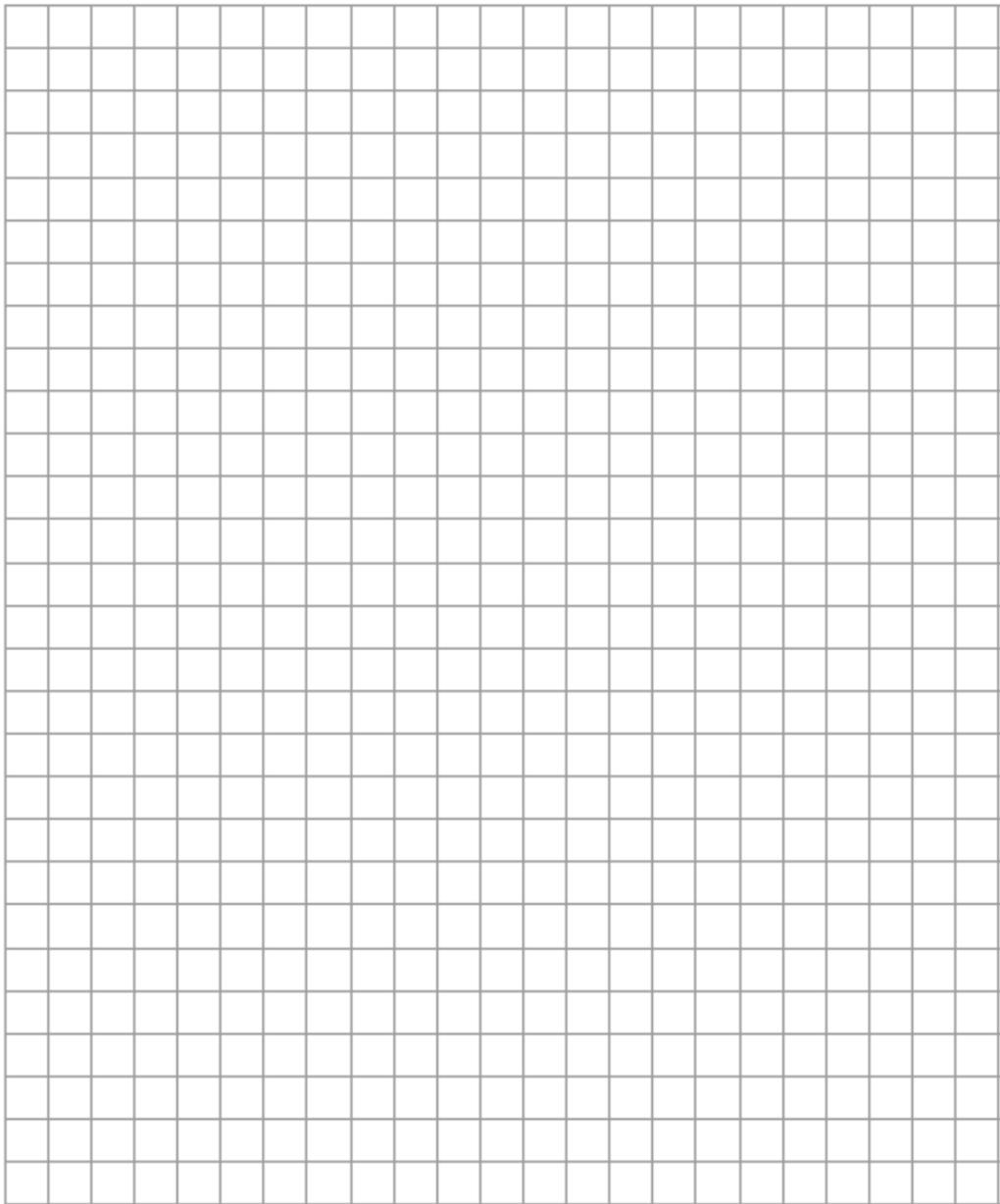
Which month sees the biggest drop in precipitation?

When are the longest and shortest days?

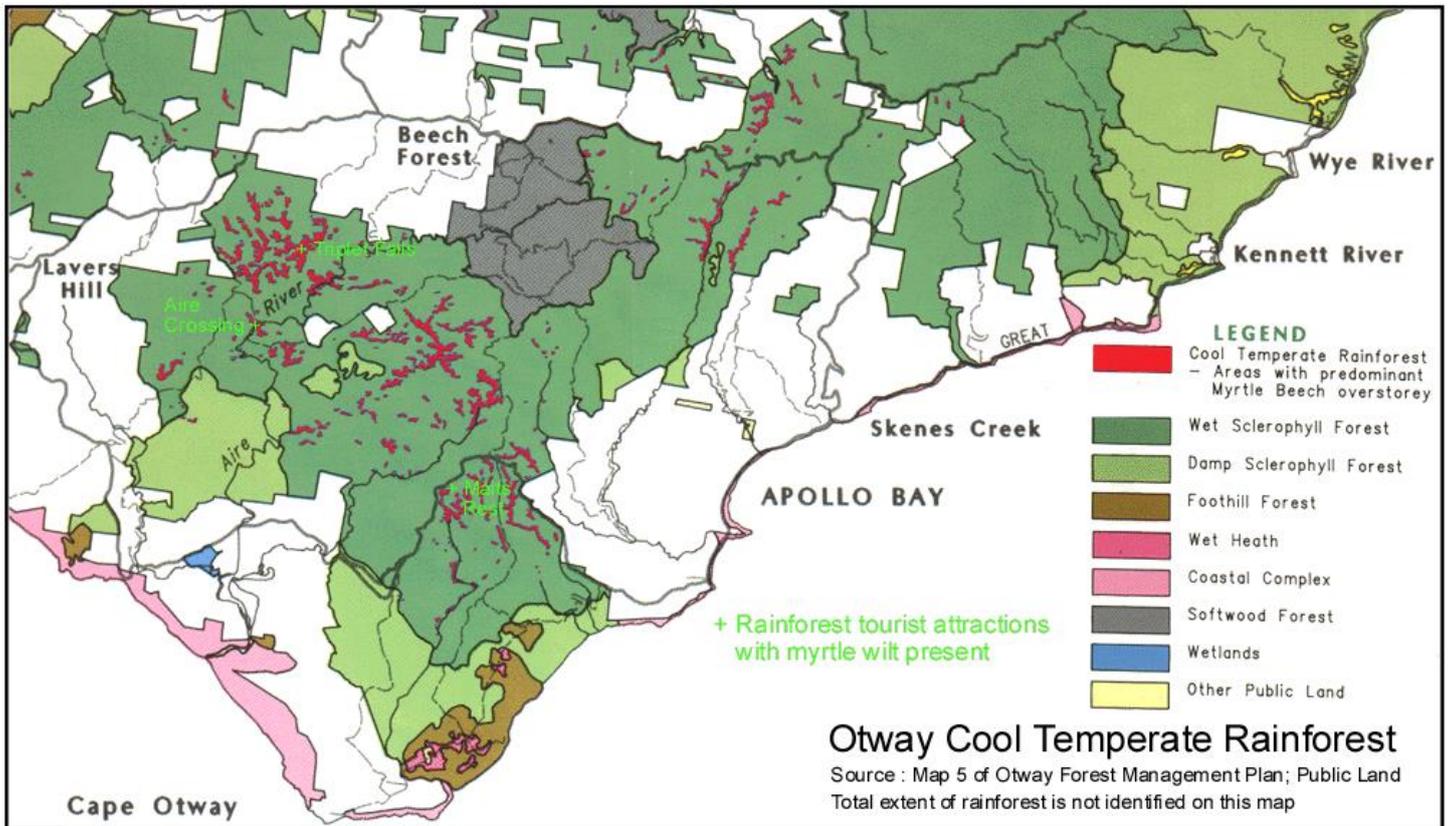
CLEARING IN THE AMAZON

State or Territory	Total Area (km ²)	Observed Cumulative Cleared Areas (km ²)		Clearing Rate of Increase (% year)
		1975	1978	
Pará	1,227,530	8,654.00	22,445.25	31.769
Roraima	243,004	55.00	143.75	32.025
Mato Grosso**	881,001	10,124.25	28,255.00	34.211
Amazonas	1,558,987	779.50	1,785.75	27.631

Decide which is the correct way to represent this data in a graph and graph it below. Make sure you include a title and label both axes.



MAP STUDY



How many rainforest tourist attractions with myrtle wilt present are there?

What is the most common type of forest?

Using geographic language, describe where the coastal complexes are found:

Who might this map have been made for, and what might it be used for?

WHAT SHOULD WE DO?

Referring directly to information from the infographic, list three things that humans could do to combat deforestation. Also suggest some problems that you foresee with your suggested solutions and how these might be overcome

Solution #1:

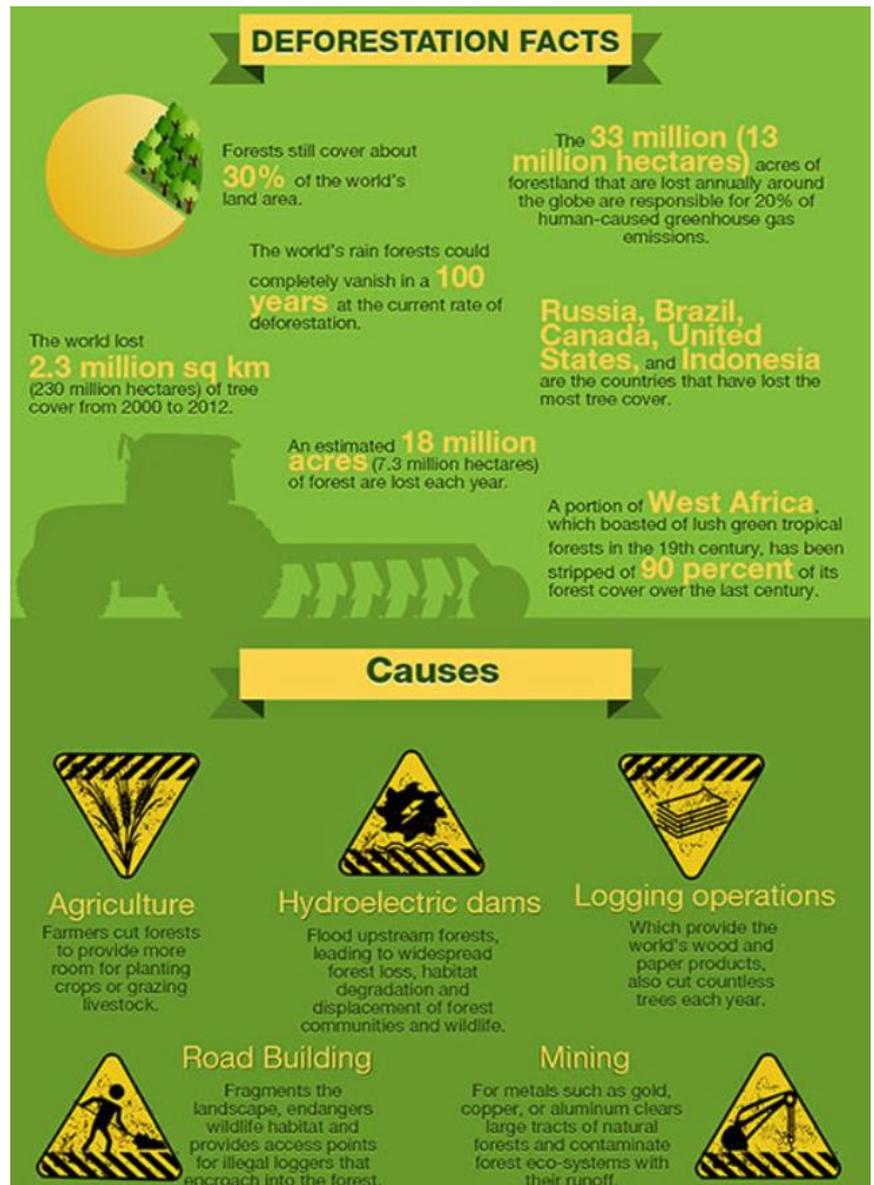
Possible problem with solution #1 and how this might be overcome:

Solution #2:

Possible problem with solution #2 and how this might be overcome:

Solution #3:

Possible problem with solution #3 and how this might be overcome:



INCREASING YOUR WORD POWER

Find out what these words mean, and make up a paragraph or two that uses them all correctly:



- habitat
- botanist
- biodiversity
- conservation
- ecosystem
- food web
- herbivore
- poaching
- water cycle
- decompose

WHO KNOWS?



In a number of places around the world, bent trees are found... Why are they bent? It's a mystery... Find two different theories about these mysterious bent trees and summarise them in 1-2 sentences. Include a full Harvard-style bibliography reference for each information source you use. Remember that Harvard-style is:

Website: Author surname, Author initial(s), Year, *Title of webpage*, viewed [insert date], www.nameofwebsite.com

Book: Author surname, Author initial(s), Year, *Title of book*, publisher, where published

Theory #1

Theory #2

Bibliography

WHAT'S THE *RIGHT* THING TO DO?

Here are three ethical dilemmas about rainforests:

1. In the Amazon, people are cutting down rainforests, which has a really negative effect on both the local and the global environment. But in Brazil, the poor farmers who clear the land to live and farm on, have no other option. Should they have to starve to death to protect the environment?
2. Many rainforests are extremely biodiverse, and have many potential medicines that could be found in them. Pharmaceutical companies from rich countries often try to find these medicines and put a patent on them, and make money off them. In many cases, they richly reward the local communities where the medicine plants are found. Is it okay for these companies to do this, if they're rewarding the locals and developing more medicines for our world?
3. Some people who don't want trees to be cut down will chain themselves to the tree to stop people from bulldozing it down. Often the place where this is happening is on private property. It is illegal to go onto someone's private property. These people can get arrested and have criminal records for the rest of their life. But they were only trying to protect a tree...

Pick one of these topics and write a short persuasive paragraph arguing your position. Make sure to include a topic sentence 2-3 sentences of persuasion and a concluding sentence.

