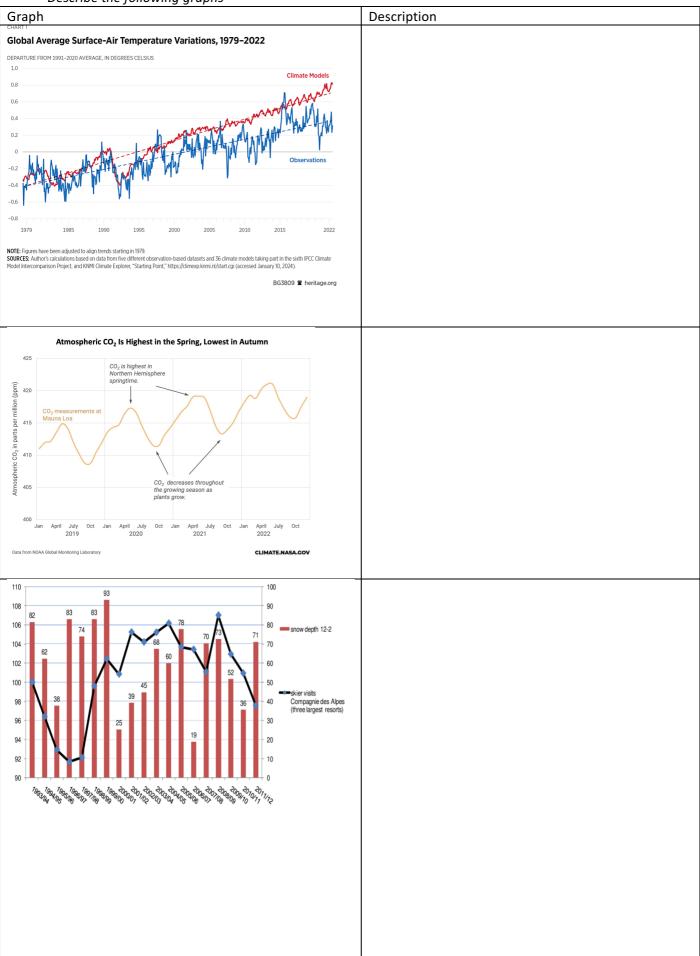
1. Describing Graphs Describe the following graphs



2. Calculating percentages

How to calculate percentages?

Formula 1: Percentage or fraction or proportion

$$ext{Percentage} = \left(rac{ ext{Part}}{ ext{Total}}
ight) imes 100$$

Formula 2: Percentage of change (increase or decrease)

If the value you get is positive, it is increased. If the value is negative, the change is decreased.

(a) Calculate the percentage increase from pre-industry to 2020

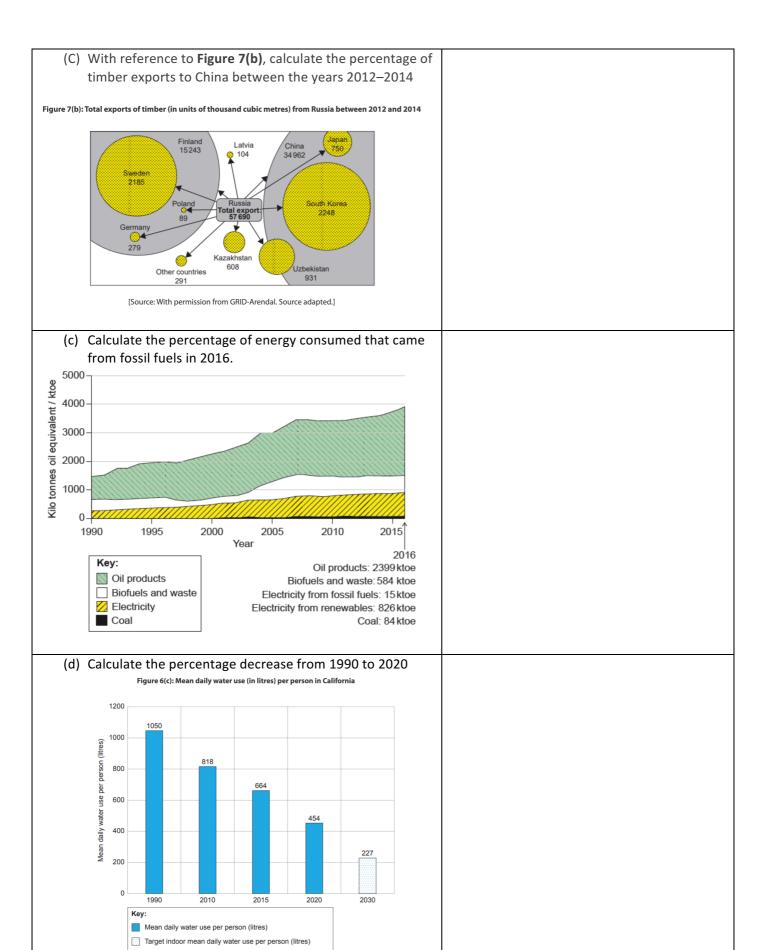


(b) With reference to the data in Figure 4(a), calculate the percentage of the world's coral species found in the Coral Triangle.

Figure 4(a): Species within the Coral Triangle

	Number within Coral Triangle	Global number
Coral species	605	798
Coral reef fishes	2228	6000
Marine turtles	6	7
Whale, dolphin and porpoise species	29	92

[Source: adapted from http://wwf.panda.org and www.marinespecies.org]



Theoretical Skills

1. Outline the distinctive characteristics of EVSs

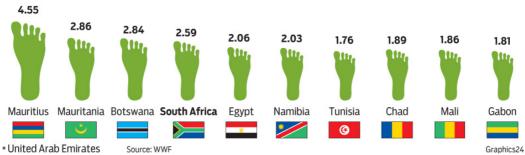
Ecocentric	Anthropocentric	Technocentric		
	1			
2 Outline 25 to 15	omain of a contract of the con			
2. Outline 2 factors influ	encing someone's value			
3. Question 3 is based o	n this figure.			
3. Question 3 is based o	in this ligure.			
TO STATE OF THE PARTY OF THE PA				
(a) State the type of syste	em shown in the photograph above			
L				
(b) Identify 2 transfers and 2 transformations in the above system				
.,,				

4. Question 5 is based on this diagram

Top 10 countries with the biggest ecological footprint per person



Top 10 African countries with the biggest ecological footprint per person



(a) Define ecological footprint

(b) Explain why the EF values are different b	petween nations

albedo effect		
Positive feedback loop	Negative feedback loop	
6. Outline the effect of crossing the	tipping point	
7. Outline 2 ways to increase a syst	em's resilience	
· · · · · · · · · · · · · · · · · · ·		
8. Sketch a graph illustrating a resil	ient system that had just experienced a small	disturbance

9. Define sustainability and sustainable development		
10. Outline three pillars of	f sustainability	
11. Outline 3 factors lead	ing to inequalities	

13. Explain how anthropocentric and ecocentric value systems influence how soil resources are
managed.

12. Define the term biocapacity, carrying capacity and ecological overshooting. Use a graph to

represent them