

Environmental Choices
Science 7 Research Questions
Topic Unit 1
Page 29 – 36

Name:

Date:

Instructions: Read the pages before you begin to answer the questions.

1.) We sometimes forget that we depend on nature; we are a part of nature. Why do we sometimes forget this? 1 mark

2.) What are people concerned about? Page 29 1marks

3.) What is sustainability? 1mark

4.) (6 marks total) a.) How much surface area is there on our planet?

b.) How much of that land is usable?

c.) How much of the usable land is covered by water, pavement, desert, mountaintops, concrete (cities)?

d.) If we divided up the land equally for our resources (food, water, shelter, waste, etc) how much would each person in the world get?

e.) About how much does each Canadian get?

f.) If everyone in the world lived like us how many planets would we need?

5.) What is an Ecological footprint?

6.) What is the difference in ecological footprint area needed to travel 10 km by car compared to by bike? (1mark)

Car area=_____

Bike area+_____

Total difference=_____

7.) What are the first 2 steps in reducing your ecological footprint? 2 marks

8.) Answer the "Pause and Reflect" question on page 31 (2 marks)

9.) What are the three "R's"? 1 mark

9a.) Give an example of Reducing:

9b.) Give an example of Reusing:

9c.) Give an example of Recycling:

10.) What did one creative company do with old plastic bottles?