

POLYMERS FROM CRUDE OIL

TO ANSWER ALL THE QUESTIONS YOU WILL NEED TO DOWNLOAD THE 'SOURCES, ORIGINS, POLYMERS' APP, FROM THE INTERACTIVE MOBILE APP SECTION OF www.technologystudent.com

LINK

http://www.technologystudent.com/mobapps/materials_sources3.pdf

Once you have downloaded the App, you can use it to navigate the website. You may need to follow the links on each page of the App, to research / complete answers to all the questions.

**ARE YOU READY?
USE THE MOBILE App!!**

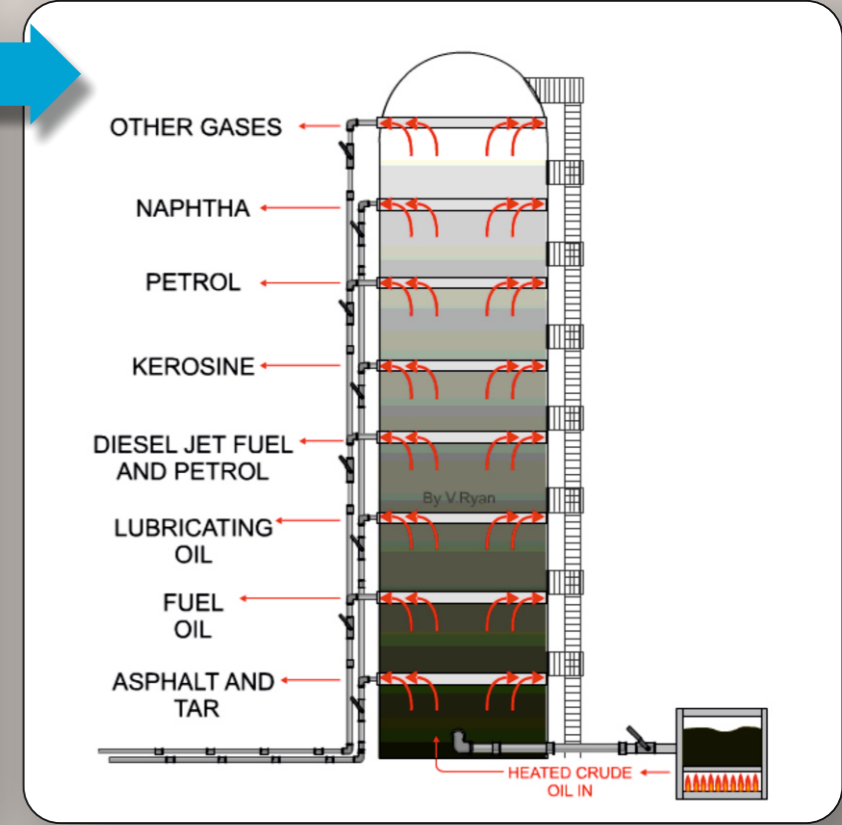
1 **WHY IS CRUDE OIL IMPORTANT TO THE WORLD ECONOMY?**

OIL IS A FINITE RESOURCE. WHAT DOES THIS MEAN?

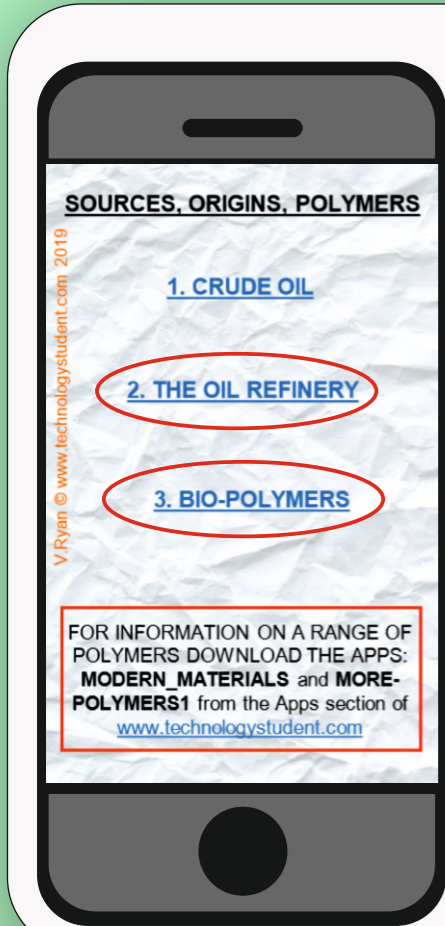
2 **DESCRIBE HOW OIL FORMS OVER MILLIONS OF YEARS?**

3 **HOW IS OIL EXTRACTED FROM THE GROUND?**
You may want to use the diagram below for reference.

4 **THE FIRST STAGE OF MANUFACTURING PLASTICS IS A PROCESS CALLED 'DISTILLATION'. EXPLAIN THE PROCESS.**
Use the diagram opposite for reference.



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POLYMERS FROM CRUDE OIL AND ENVIRONMENTALLY FRIENDLY POLYMERS

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1 NAME FIVE PLASTICS / POLYMERS MANUFACTURED FROM NAPHTHA

2 NAME TWO POLYMERS THAT ARE ENVIRONMENTALLY FRIENDLY AND NOT MANUFACTURED FROM CRUDE OIL.

A:

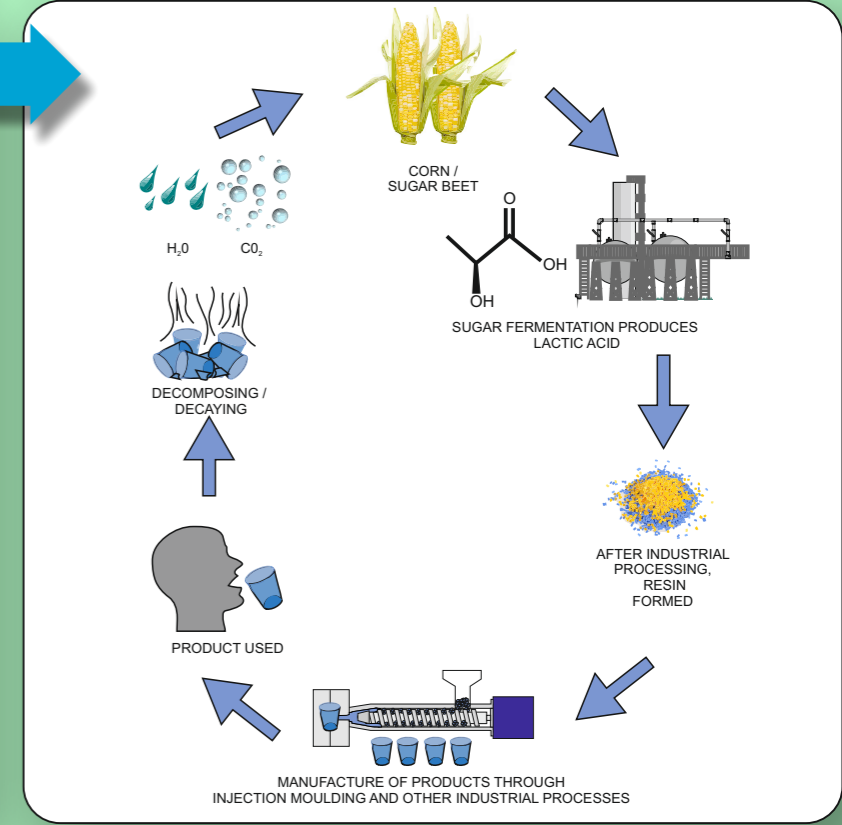
B:

3 EXPLAIN THE MEANING OF THE BIOPLASTICS SYMBOL SHOWN BELOW.

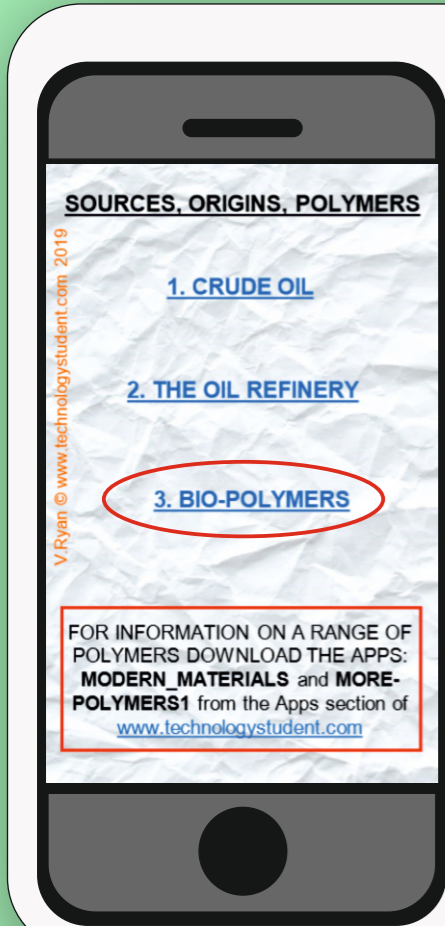


BIOPLASTICS SYMBOL

4 SELECT ONE OF THE POLYMERS YOU NAMED IN Q2. DESCRIBE ITS LIFE CYCLE. Use the diagram opposite for reference.



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ENVIRONMENTALLY FRIENDLY POLYMERS

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1

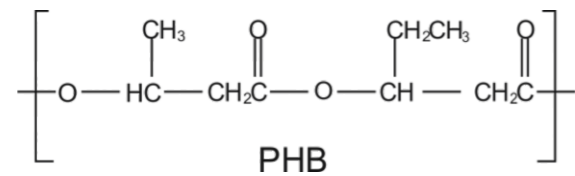
WHY ARE CARRIER BAGS MANUFACTURED FROM POLYLACTIDE, ENVIRONMENTALLY FRIENDLY?

2

LIST FIVE OTHER PRODUCTS MANUFACTURED FROM POLYLACTIDE.

3

WHAT ARE THE DISADVANTAGES OF PRODUCTS, MANUFACTURED FROM ENVIRONMENTALLY FRIENDLY POLYMERS, SUCH AS BIOPOL?



4

LIST PRODUCTS SOMETIMES MANUFACTURED FROM BIOPOL.
Paste two images of your products, in the box opposite.



PASTE YOUR IMAGES HERE

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