

https://youtu.be/IwdUwffecsM

Petroleum origin, refinery and distillation.

Many of the _____ we **use** everyday **are made** *out of* _____. *As a matter of fact (De hecho)* 90% of the **products** we **use** today _____ some type of **plastic**. **Think** about how many **items** (artículos) in your **home** **are made** from **plastic**. Do you **know** where **plastic** _____ from?



Plastic **is made** from **oil**. _____ (fuentes) of **oil** **were formed** between _____ million and _____ million **years** ago when the _____ (restos) of **plants** and **animals**, *such as* _____, **be composed** on **ancient** **sea floors** and **lake** bottoms



and under **intense** _____ and **high** _____ within (dentro de) the **Earth** **were transformed** into **natural** **gas**, _____ (carbón) and _____ (petroleo).



That's why **they** **are called** _____ (combustibles sólidos). Let's **explore** how two different types of **plastic** **are made** from _____ or _____, **extract** it from the **Earth**.



When a _____ (fuente) of **oil** beneath (debajo de) the **earth** **has been identified**, _____ (agujeros) **are dug** (excavados) into the **ground** and the **oil** **is pumped** out (bombeado).



Oil drilling (la extracción de petróleo) **can** also **take** place under the **ocean**. _____ **are built** to **support** **drilling** (taladrado) **operations** and _____ (petroleros) **are needed** to **transport** the **oil** to **shore** (a la costa).



Then the **crude** (/krud/) _____ (petroleo crudo) **has to be changed** in form (de forma) before **it** **can be used to make** **petroleum-**



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based _____, like **plastic**. The **crude** (/krud/) **oil** **was transported** to a **large** **processing facility** **called** the _____.	
A _____ **breaks down** (descompone) the **crude** (/krud/) **oil** into a variety of **components** with different **sizes**, **weights** and **boiling** (ebullición) _____.	
The **liquid** **crude** (/krud/) **oil** **is pumped** (bombeado) through **hot** **furnaces** (hornos) and **distillation** _____ (torres de destilación) where the **lightest** (más ligeros) _____ **rise** (suben) to the **top** and the **heaviest** (más pesados) **settle** (se depositan) at the bottom (base) of the **tower**.	
Look at the _____ (vapor) **being released** (lanzado) at the _____. In addition to **oil** the **production** of **plastic** **requires** the use of other **natural** _____ (recursos) *such as* _____ and _____.	

Drag and drop to answer the questions:

SUBJECT	VERB	OBJECT
A production facility	**mainly used**	**selective boiling and condensation.**
The process of separating the substances from a liquid mixture	**where are converted**	**as a fuel.**
A thick liquid	**by using**	**raw material into products of value.**

	SUBJECT	VERB	OBJECT
¿What's crude oil?			
¿What's a refinery?			
¿What's a distillation?			

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