

Science: Section 2 - Homework

Fractional Distillation

1.

a. Fraction	b. Crude Oil	c. Viscosity
d. Fractional Distillation	e. Boiling Point	f. Flammability

Using the table above, identify:

- a. The name of the process used to separate hydrocarbons _____
- b. The chemical property used to separate hydrocarbons _____
- c. The word used to describe how thick a liquid is _____
- d. The name given to a group of similar hydrocarbons _____

(4)

2.

- a. Crude oil is a mixture of hydrocarbons. What is a hydrocarbon?

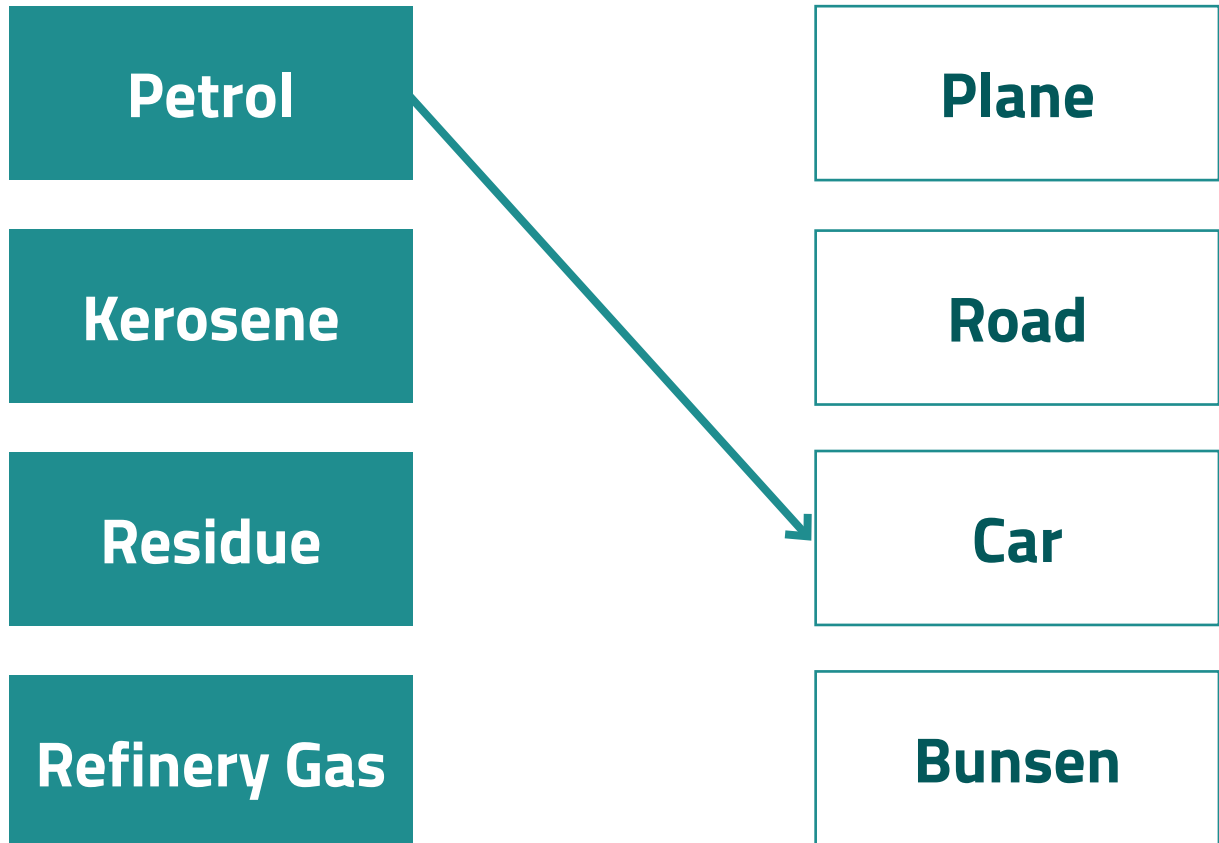
(1)

- b. Describe in as much detail as you can the process used to separate crude oil into fractions.

(2)

3. Crude oil can be separated into lots of really useful things such as tar for the roads and camping stove gas. Below is a list of a few of the different fractions that make up crude oil. Can you correctly match the fraction with its use?

The first one is done for you ...



(3)

Total (10)