

## Term 1 Revision Questions 2

1. Name 4 substances extracted from crude oil
2. What is the name of the process which turns crude oil into the different fractions
3. Find out the where in Scotland this oil refining takes place
4. When finding which type of fuel heats water up the quickest - what factors did you control to make the experiment a fair test  
Mention at least 2
5. Calculate the average of the following time data collected in a fuels experiment.

53 (s)

1 min 19 (s)

49 (s)

6. Draw a bar graph from the following data

| Food       | KJ per 100g |
|------------|-------------|
| Lettuce    | 13          |
| Tomato     | 23          |
| Turnip     | 27          |
| Red pepper | 29          |
| Sweet corn | 86          |

7. Draw a labelled diagram of the assembled apparatus used to find out how long it takes to for meths to heat 50 ml of water by 10 °C  
Using the following labels

Spirit burner

Heating mat

Thermometer

Clamp stand

Timer

Beaker of water (50ml)

Meths

