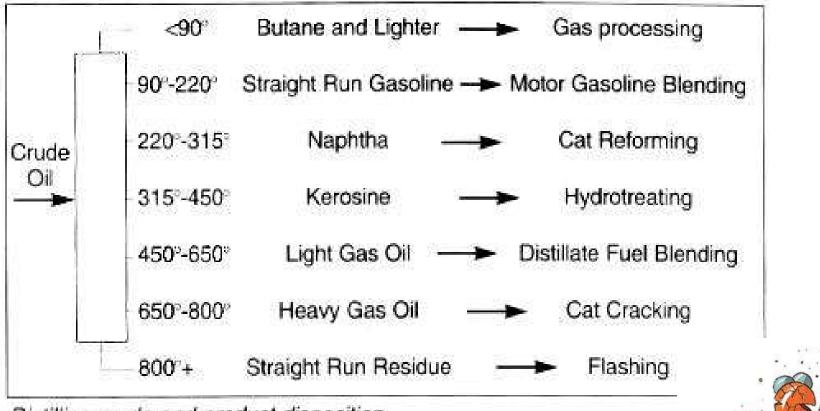
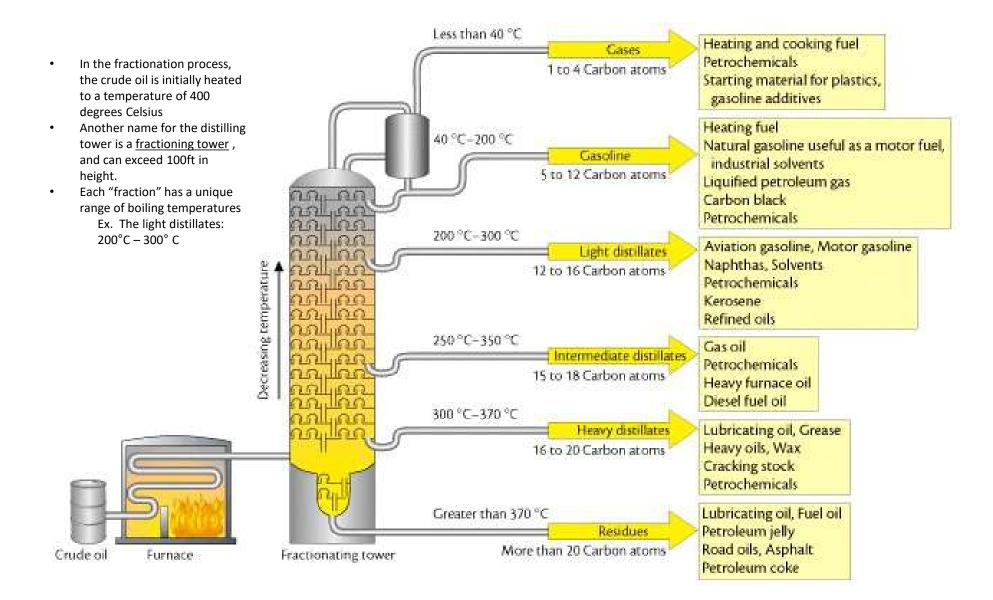
Refining Petroleum

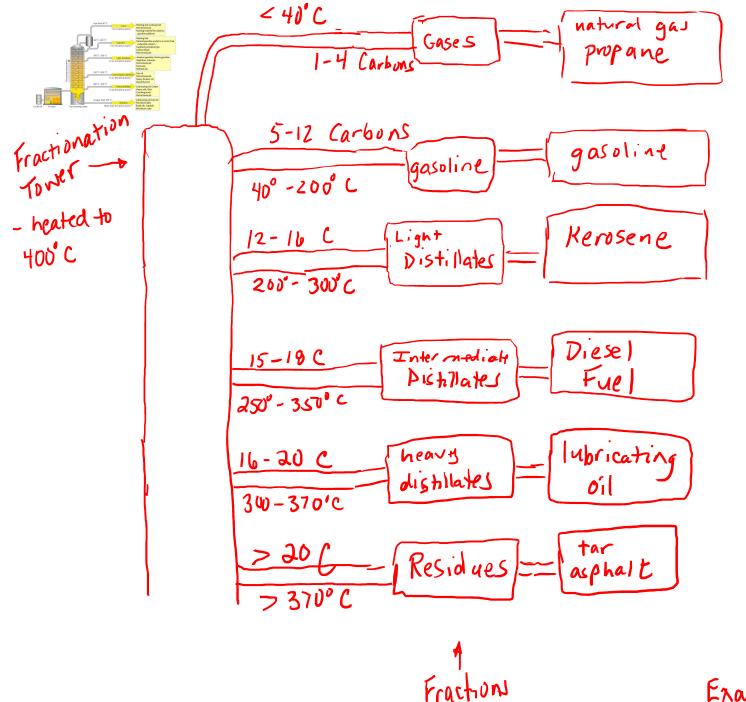
- Crude oil cannot be used in its natural state, and must be shipped to <u>oil refineries</u> where it is <u>separated</u> <u>into simpler compounds</u>
- The <u>refining</u> process doesn't separate each compound, but rather several mixtures called <u>fractions</u>
- <u>Fractional Distillation</u> separating parts of a mixture by differences in boiling points

Petroleum Refining

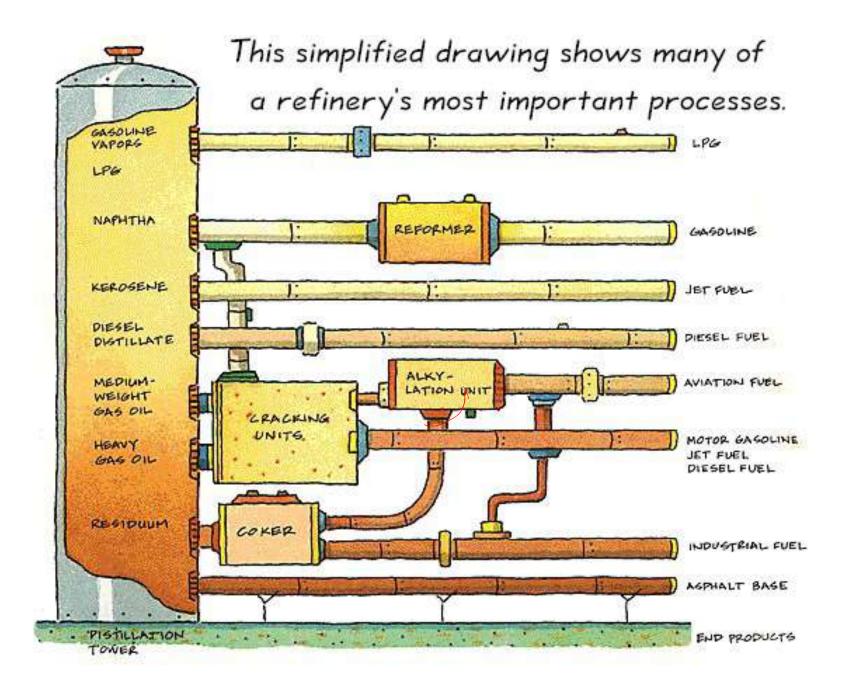


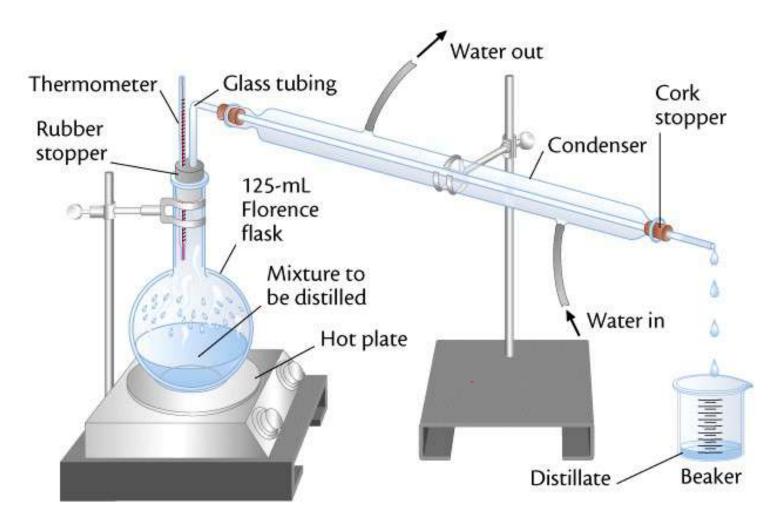
Distilling crude and product disposition





Example(s)





<u>Distillation</u> - a way to separate substances from one another according to boiling points. - compounds with lower <u>boiling points</u> will <u>evaporate first</u> and leave the <u>distillation</u> flask It is then converted back to <u>liquid</u> as it passes through the <u>condenser</u>, all before the second substance begins to <u>boil and distill</u> - can then condense vapors to form <u>distillates</u>