Fractional Distillation (Level 1) exam tips

**•** Larger/bigger/heavier molecules condense at the bottom of the fractionating column…

where there are higher temperatures…

because larger/bigger/heavier molecules have a heavier mass (as there are more protons in the nucleus and more electrons orbiting the nucleus) so there are stronger intermolecular attractions between the molecules, therefore more heat energy is required to separate the molecules.  
**•** You MUST link boiling point to the size of molecules and collection point.

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