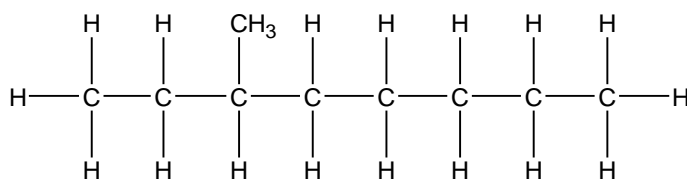


Oil Refining: Answers

1. (a) (i) Saturated – propane [1]
Unsaturated – ethene and propene, both required [1]
- (ii) Add bromine solution [1]
Unsaturated solution turns from red/brown to colourless [1]
Saturated – no change [1]
- (iii) Making polymers [1]
- (iv) C_8H_{18} [1]
Petrol [1]

(b) Many examples including



[1]