

# GCSE Chemistry: Crude Oil

## Priority Learning

### Worksheet

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

Question:	1	2	3	4	5	6	7	Total
Marks:	4	1	5	2	12	3	6	33
Score:								

#### Aims of this worksheet:

- Practicing explain questions.
- Consolidating crude oil knowledge.

1. Explain how crude oil formed. (4 marks)

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2. What are the only atoms in crude oil. (1 mark)

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3. State 4 properties that change as the molecules in crude oil become bigger. Explain your answer. (5 marks)

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4. Why are longer chain hydrocarbons not used as fuels? (2 marks)

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5. State the 6 products of passing crude oil through a fractional distillation column, list one use for each. (12 marks)

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6. Draw a fully labelled fractional distillation column. State the temperatures at the top and bottom of the column.

7. (a) Write the full chemical equation for the complete combustion of ethane. (3 marks)

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(b) Write the full chemical equation for the incomplete combustion of ethane. (3 marks)

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