

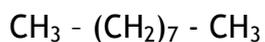
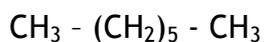
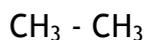
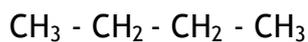
TEMA 3. FORMULACIÓN ORGÁNICA - EJERCICIOS

2. Hidrocarburos

2.1. Hidrocarburos saturados o alcanos

2.1.1. Alcanos lineales

1. Nombra los siguientes compuestos



2. Formula los siguientes compuestos

Pentano

Decano

Etano

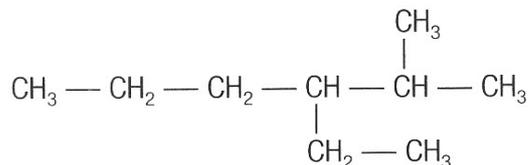
Propano

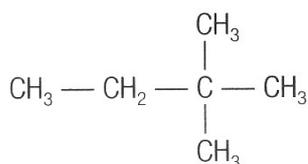
Hexano

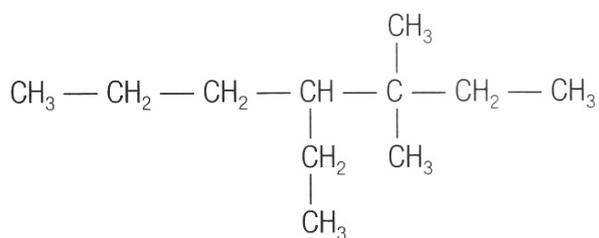
Undecano

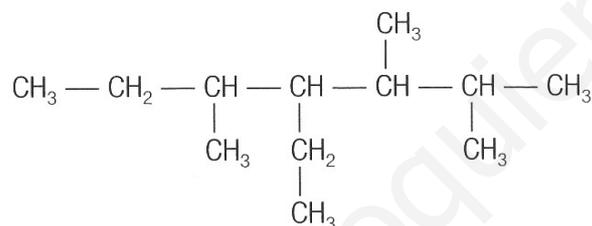
2.1.2. Alcanos ramificados

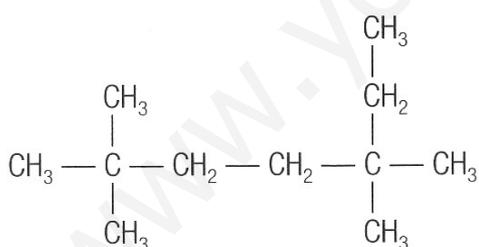
3. Nombra los siguientes compuestos

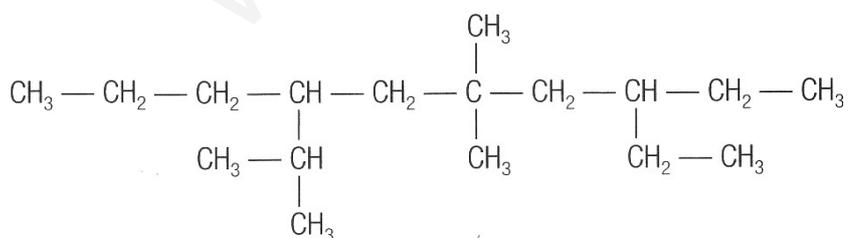












4. Formula los siguientes compuestos

3-etil, 2,4-dimetil hexano

2,2,3,3-tetrametil butano

3,3,6-trietil 6-metil octano

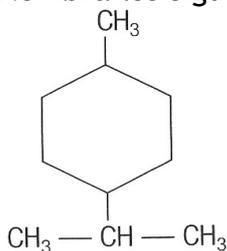
6-isopropil, 3,3,4-trimetil nonano

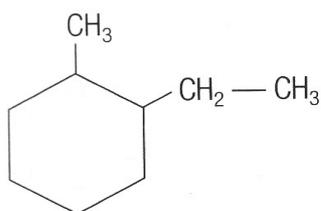
2,2-dimetil pentano

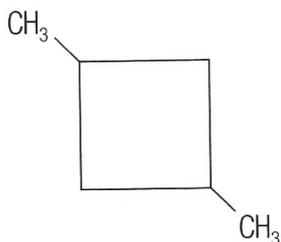
5-etil, 2-3-dimetil, 4-propil heptano

2.1.3. Cicloalcanos

5. Nombra los siguientes compuestos







6. Formula los siguientes compuestos

4-etil, 1,2-dimetil ciclohexano

1-etil, 1-metil ciclopentano

2-ciclopentil butano

TEMA 3. FORMULACIÓN ORGÁNICA - EJERCICIOS

2. Hidrocarburos

2.1. Hidrocarburos saturados o alcanos

2.1.1. Alcanos lineales

1. Nombra los siguientes compuestos

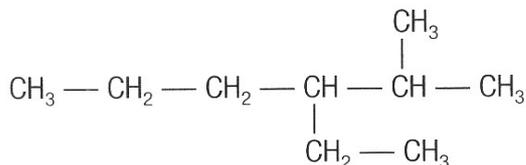
$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	Butano
$\text{CH}_3 - \text{CH}_3$	Etano
$\text{CH}_3 - (\text{CH}_2)_5 - \text{CH}_3$	Heptano
$\text{CH}_3 - (\text{CH}_2)_7 - \text{CH}_3$	Nonano
CH_4	Metano
$\text{CH}_3 - \text{CH}_2 - \text{CH}_3$	Propano

2. Formula los siguientes compuestos

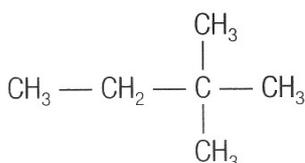
Pentano	Decano
$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$	$\text{CH}_3 - (\text{CH}_2)_8 - \text{CH}_3$
Etano	Propano
$\text{CH}_3 - \text{CH}_3$	$\text{CH}_3 - \text{CH}_2 - \text{CH}_3$
Hexano	Undecano
$\text{CH}_3 - (\text{CH}_2)_{14} - \text{CH}_3$	$\text{CH}_3 - (\text{CH}_2)_6 - \text{CH}_3$

2.1.2. Alcanos ramificados

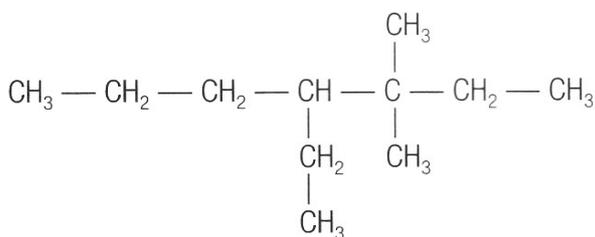
3. Nombra los siguientes compuestos



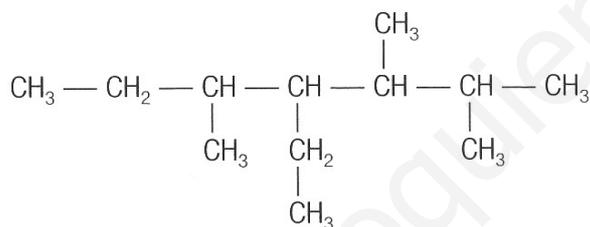
3-etil, 2-metil hexano



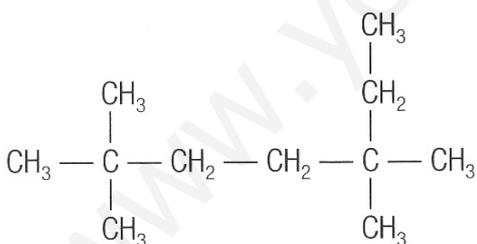
2,2-dimetil butano



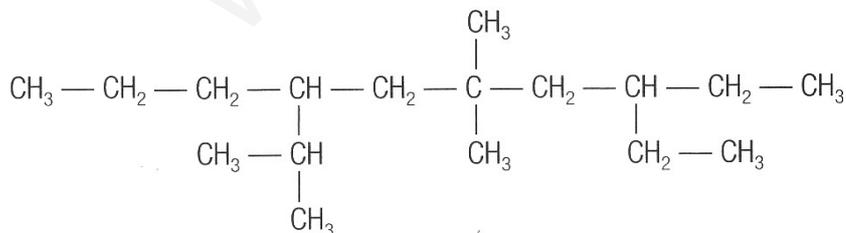
4-etil, 3,3-dimetil heptano



4-etil, 2,3,5-trimetil heptano



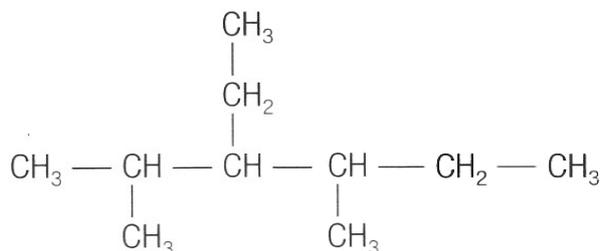
2,2,5,5-tetrametil heptano



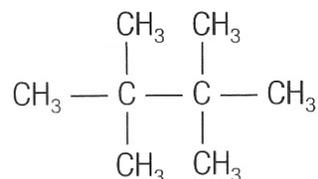
3-etil,7-isopropil,5,5-dimetil decano

4. Formula los siguientes compuestos

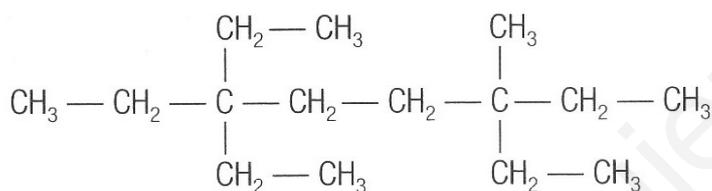
3-etil, 2,4-dimetil hexano



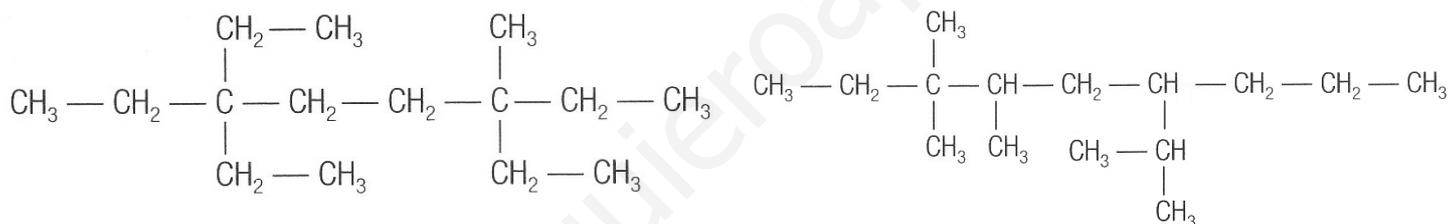
2,2,3,3-tetrametil butano



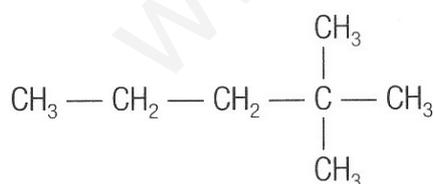
3,3,6-trietil 6-metil octano



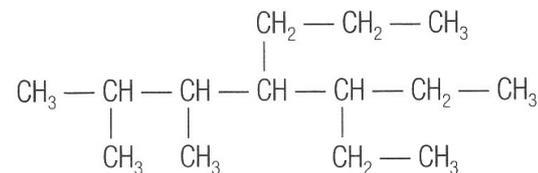
6-isopropil, 3,3,4-trimetil nonano



2,2-dimetil pentano

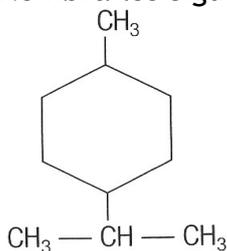


5-etil, 2-3-dimetil, 4-propil heptano

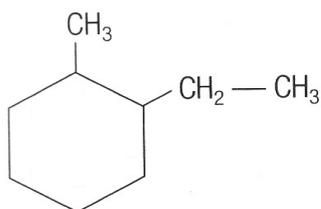


2.1.3. Cicloalcanos

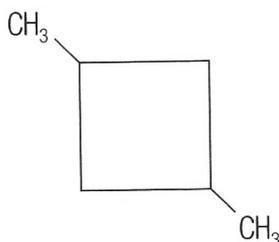
5. Nombra los siguientes compuestos



1-isopropil, 4-metil ciclohexano



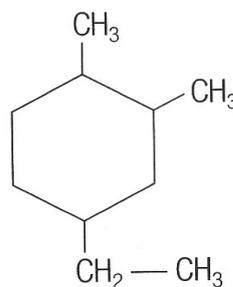
1-etil, 2-metil ciclohexano



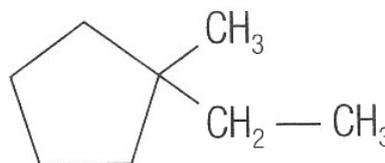
1,3-dimetil ciclobutano

6. Formula los siguientes compuestos

4-etil, 1,2-dimetil ciclohexano



1-etil, 1-metil ciclopentano



2-ciclopentil butano

