

S2019 Quiz 2a

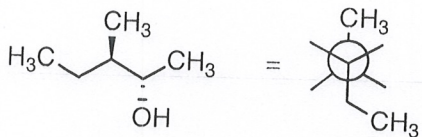
Name (print):

Recitation Instructor:

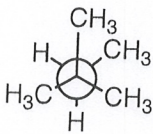
Signature:

The following quiz will begin at 5 minutes into recitation and last 30 minutes. Please show all of your work. If you need to use the back of the paper, please make sure to make note of it in the space allotted. Good luck!

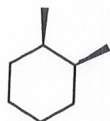
1. Please complete the following Newman Projection (5 points).




2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2a 

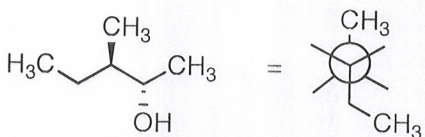
Name (print):

Recitation Instructor:

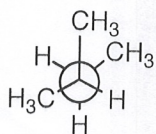
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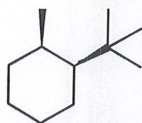
1. Please complete the following Newman Projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2b

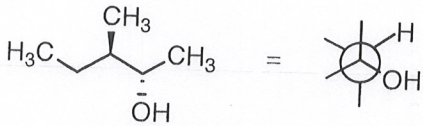
Name (print):

Recitation Instructor:

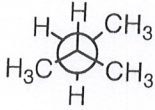
Signature:

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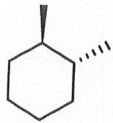
1. Please complete the following Newman Projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2c

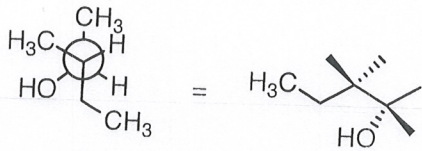
Name (print):

Recitation Instructor:

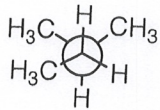
Signature:

The following quiz will begin at 5 minutes into recitation and last 30 minutes. Please show all of your work. If you need to use the back of the paper, please make sure to make note of it in the space allotted. Good luck!

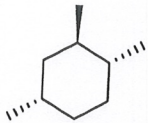
1. Please complete the following structure based on the Newman projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2d

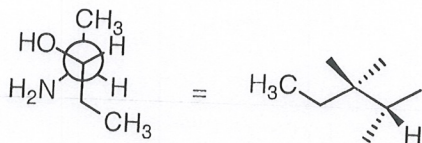
Name (print):

Recitation Instructor:

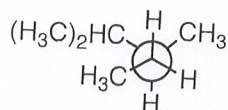
Signature:

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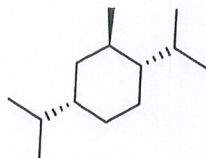
1. Please complete the following structure based on the Newman projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2e

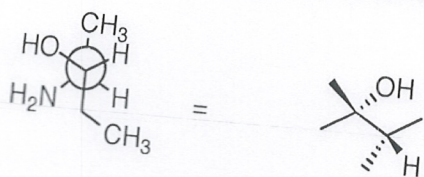
Name (print):

Signature:

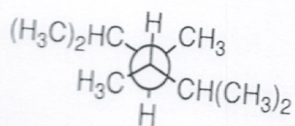
Recitation Instructor:

The following quiz will begin at 5 minutes into recitation and last 30 minutes. Please show all of your work. If you need to use the back of the paper, please make sure to make note of it in the space allotted. Good luck!

1. Please complete the following structure based on the Newman projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2a

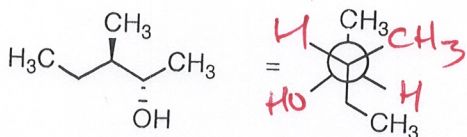
Name (print):

Recitation Instructor:

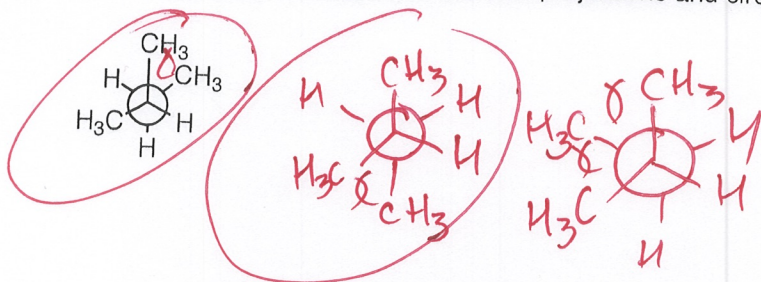
Signature:

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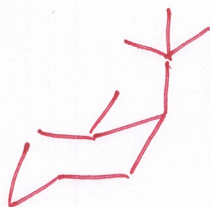
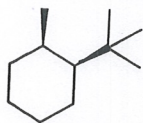
1. Please complete the following Newman Projection (5 points).



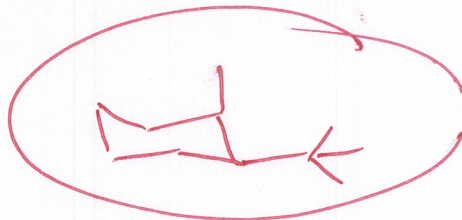
2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



vs.



S2019 Quiz 2a

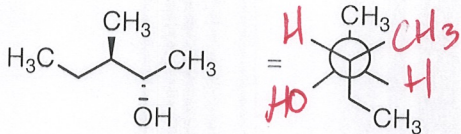
Name (print):

Recitation Instructor:

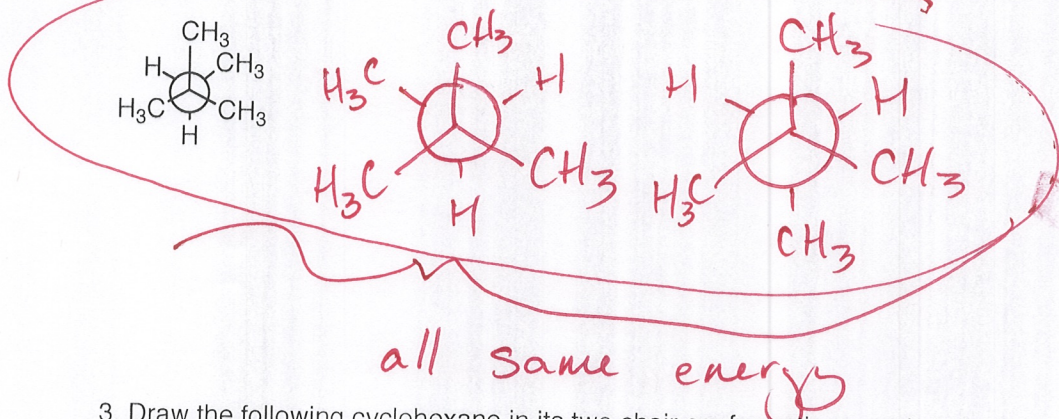
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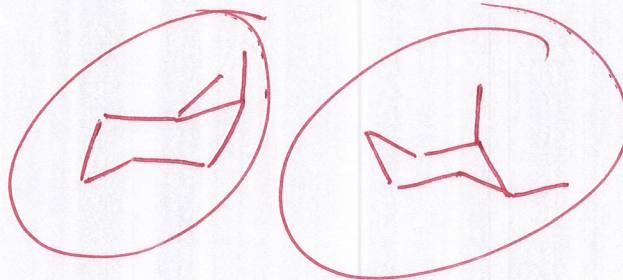
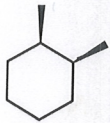
1. Please complete the following Newman Projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it is lowest energy. If both are equal in energy, circle both (10 points)





S2019 Quiz 2b

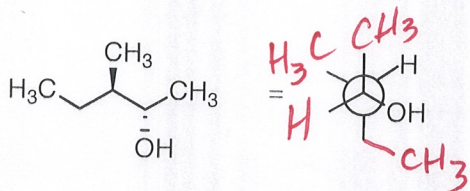
Name (print):

Recitation Instructor:

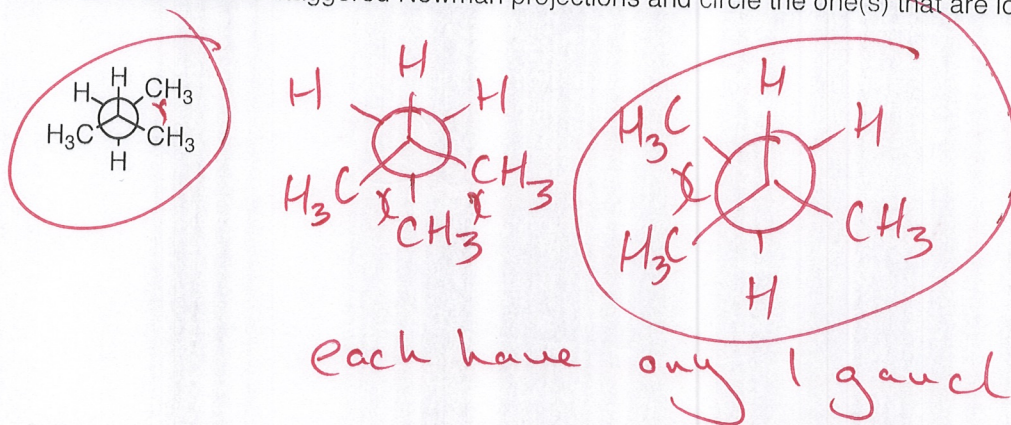
Signature:

The following quiz will begin at 5 minutes into recitation and last 30 minutes. Please show all of your work. If you need to use the back of the paper, please make sure to make note of it in the space allotted. Good luck!

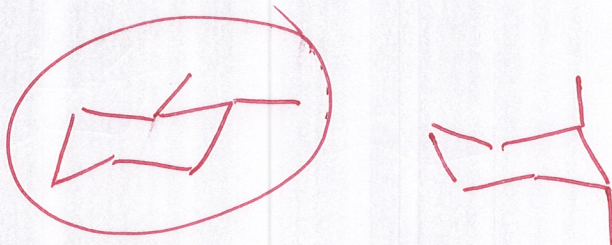
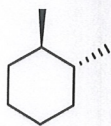
1. Please complete the following Newman Projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2c

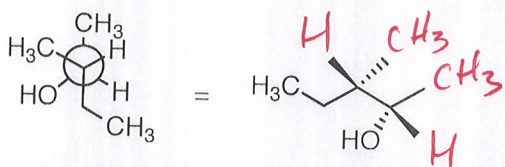
Name (print):

Recitation Instructor:

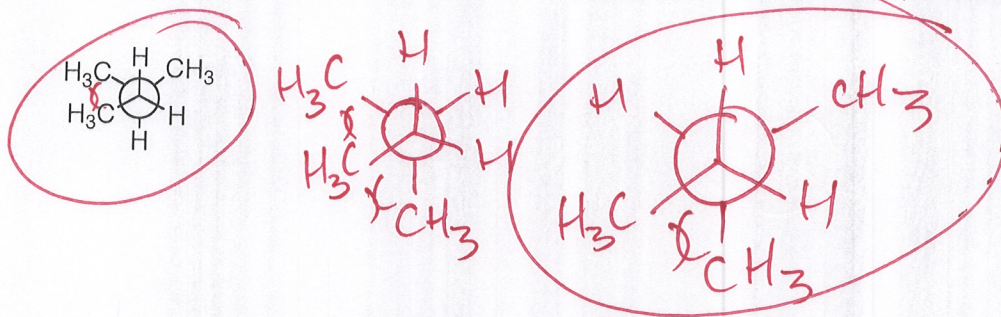
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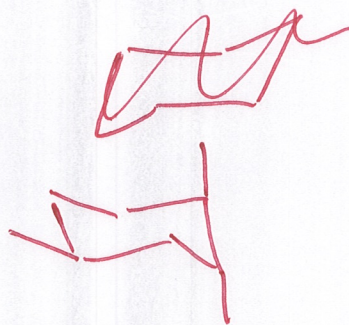
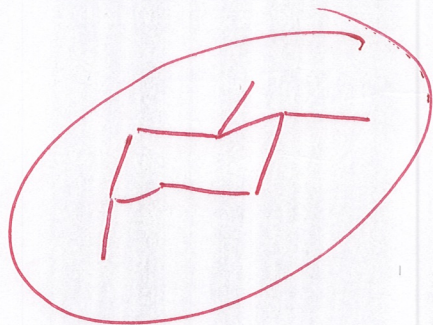
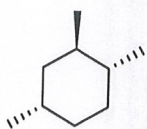
1. Please complete the following structure based on the Newman projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2d

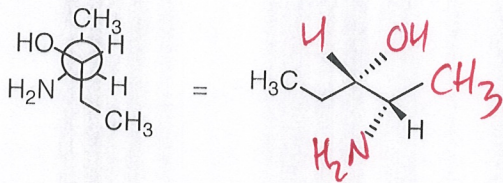
Name (print):

Recitation Instructor:

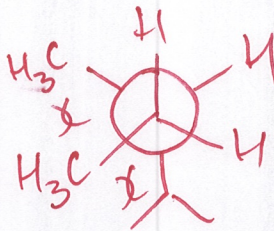
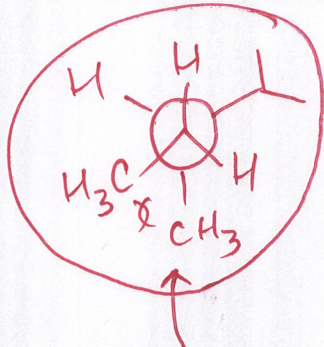
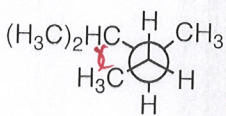
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1. Please complete the following structure based on the Newman projection (5 points).

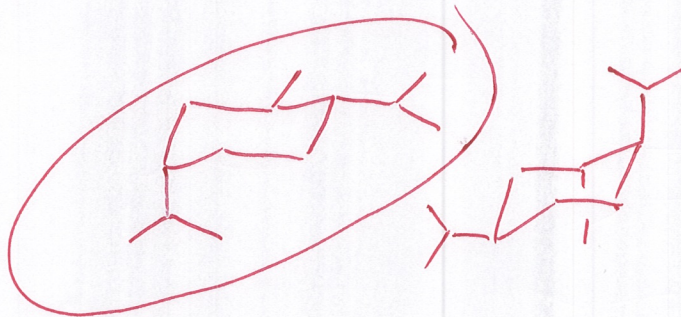
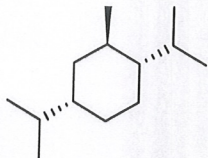


2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



*only 1 gauche... minimize larger group in gauche*

3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2e

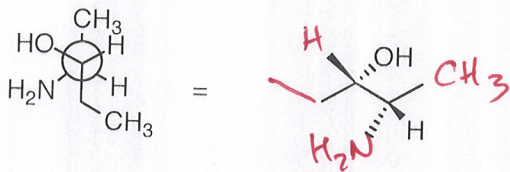
Name (print):

Recitation Instructor:

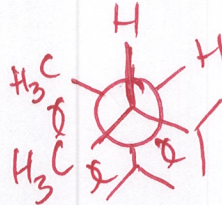
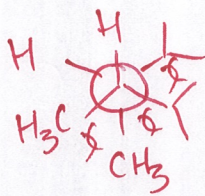
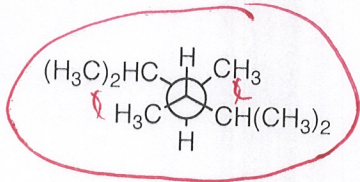
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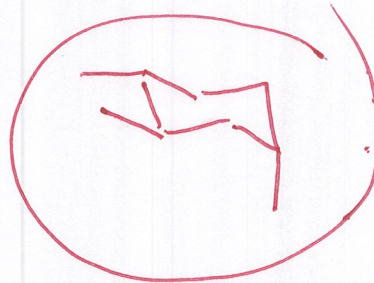
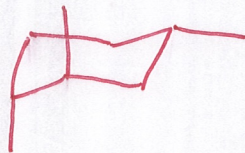
1. Please complete the following structure based on the Newman projection (5 points).



2. Draw 2 alternative staggered Newman projections and circle the one(s) that are lowest in energy (5 points)?



3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)



S2019 Quiz 2f

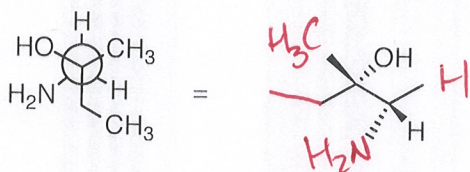
Name (print):

Recitation Instructor:

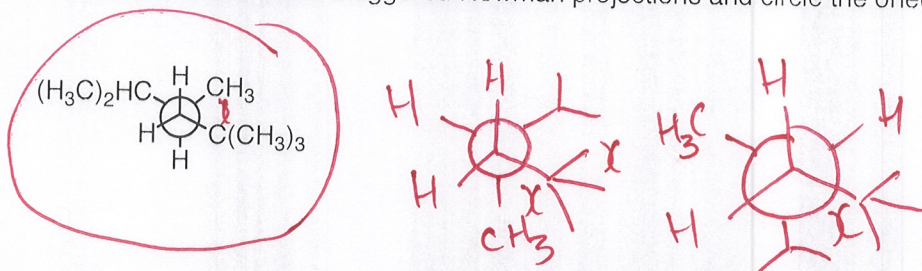
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3. Draw the following cyclohexane in its two chair conformations, and circle the one it its lowest energy. If both are equal in energy, circle both (10 points)

