# The *Complete* Organic Chemistry Worksheet

The Complete Organic Chemistry Worksheet.doc

Name _____

Date _____

Period ____

1. Name the following hydrocarbons.

**a.**
```
                CH3
                 |
CH3—CH2—CH—CH—CH3
                     |
                    CH2
                     |
                    CH3
```

**b.**
```
                CH3
                 |
          CH3   CH2
           |     |
CH3—C——CH—CH3
           |
          CH3
```

**c.**
```
          CH3
           |
CH3—C—CH3
           |
          CH2
           |
          CH3
```

**d.**
```
                CH2—CH2—CH3
                  |
CH3—CH2—C—CH2—CH3
                  |
               CH2—CH3
```

**e.**
```
                CH3
                 |
          CH3   CH2
           |     |
CH3—CH—CH—CH—CH3
                |
               CH3
```

**f.**
```
                CH3
                CH2
                 |
          CH3    |
           |     |
CH3—CH2—CH—CH—CH
                |
               CH3
```

**g.**
```
          CH3
           |
          CH2
           |
CH3—CH—CH—CH3
           |
          CH—CH2—CH3
           |
          CH3
```

**h.**
```
                CH2—CH3
                  |
CH3—CH—CH—CH3
           |
CH3—CH—CH3
```

2. Name the following hydrocarbons.

**a.**
```
                CH3
                 |
CH3CH2CH2CHCH3
```

**b.**
```
          CH3
           |
CH3CHCH2CH3
```

**c.**
```
          CH3
           |
CH3CHCHCH3
            |
          CH2CH3
```

**d.**
```
CH3CH2CHCH2CH3
            |
           CH2
            |
           CH3
```

**e.**
```
          CH3     CH3
           |       |
CH3CHCH2CHCH3
```

**f.**
```
          CH3
           |
CH3CHCHCH2CH3
            |
           CH3
```

**g.**
```
CH3CHCH2CH3
    |
   CH2
    |
   CH3
```

**h.**
```
          CH3
           |
          CH2
           |
CH3CHCHCH3
    |
   CH3
```