

| Right-J™ Worksheet |                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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-|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|------|------|--|--|------|------|--------------------|--|--|--|--|--|--|--|--|-----|-----|--|--|----|----|
| 1                  |                                                                      |           | Room name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| 2                  |                                                                      |           | Exposed wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| 3                  |                                                                      |           | Ceiling height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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             |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| 4                  |                                                                      |           | Room dimensions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 5                  |                                                                      |           | Room area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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|                    |                                                                      |           | <table border="1"> <thead> <tr> <th rowspan="2">Ty</th> <th rowspan="2">Construction number<br/><small>Select any unit than this here</small></th> <th rowspan="2">U-value</th> <th rowspan="2">Or</th> <th colspan="2">HTM<br/>(Btu/h·ft²)</th> <th colspan="2">Area (ft²)<br/>or perimeter (ft)</th> <th colspan="2">Load<br/>(Btu/h)</th> <th colspan="2">Area (ft²)<br/>or perimeter (ft)</th> <th colspan="2">Load<br/>(Btu/h)</th> </tr> <tr> <th>Heat</th> <th>Cool</th> <th>Gross</th> <th>NPIS</th> <th>Heat</th> <th>Cool</th> <th>Gross</th> <th>NPIS</th> <th>Heat</th> <th>Cool</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>M</td> <td>13AA-01c</td> <td>0.304</td> <td>-</td> <td>16.11</td> <td>5.898</td> <td>80</td> <td>80</td> <td>1289</td> <td>472</td> <td>80</td> <td>80</td> <td>1289</td> <td>472</td> </tr> <tr> <td></td> <td>M</td> <td>13AA-01d</td> <td>0.304</td> <td>-</td> <td>16.11</td> <td>5.898</td> <td>140</td> <td>140</td> <td>2578</td> <td>944</td> <td>80</td> <td>80</td> <td>1289</td> <td>472</td> </tr> <tr> <td></td> <td>M</td> <td>13AA-01c</td> <td>0.304</td> <td>-</td> <td>16.11</td> <td>5.898</td> <td>80</td> <td>80</td> <td>1289</td> <td>472</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>M</td> <td>13AA-01c</td> <td>0.304</td> <td>-</td> <td>0.000</td> <td>0.000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>11</td> <td>C</td> <td>14B-10ad</td> <td>0.033</td> <td>-</td> <td>1.444</td> <td>1.444</td> <td>200</td> <td>200</td> <td>339</td> <td>333</td> <td>100</td> <td>100</td> <td>170</td> <td>166</td> </tr> <tr> <td></td> <td>F</td> <td>19A-19bcp</td> <td>0.049</td> <td>-</td> <td>2.035</td> <td>0.614</td> <td>200</td> <td>200</td> <td>407</td> <td>123</td> <td>100</td> <td>100</td> <td>204</td> <td>61</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="7">Total room load</td> <td></td> <td></td> <td>7190</td> <td>2829</td> <td></td> <td></td> <td>3595</td> <td>1415</td> </tr> <tr> <td colspan="7">Air required (cfm)</td> <td></td> <td></td> <td>123</td> <td>123</td> <td></td> <td></td> <td>61</td> <td>61</td> </tr> </tbody> </table> | Ty                                                                    | Construction number<br><small>Select any unit than this here</small> | U-value                                  | Or   | HTM<br>(Btu/h·ft²) |      | Area (ft²)<br>or perimeter (ft) |      | Load<br>(Btu/h) |      | Area (ft²)<br>or perimeter (ft) |  | Load<br>(Btu/h) |  | Heat | Cool | Gross | NPIS | Heat | Cool | Gross | NPIS | Heat | Cool | 6 | M | 13AA-01c | 0.304 | - | 16.11 | 5.898 | 80 | 80 | 1289 | 472 | 80 | 80 | 1289 | 472 |  | M | 13AA-01d | 0.304 | - | 16.11 | 5.898 | 140 | 140 | 2578 | 944 | 80 | 80 | 1289 | 472 |  | M | 13AA-01c | 0.304 | - | 16.11 | 5.898 | 80 | 80 | 1289 | 472 | 0 | 0 | 0 | 0 |  | M | 13AA-01c | 0.304 | - | 0.000 | 0.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | C | 14B-10ad | 0.033 | - | 1.444 | 1.444 | 200 | 200 | 339 | 333 | 100 | 100 | 170 | 166 |  | F | 19A-19bcp | 0.049 | - | 2.035 | 0.614 | 200 | 200 | 407 | 123 | 100 | 100 | 204 | 61 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total room load |  |  |  |  |  |  |  |  | 7190 | 2829 |  |  | 3595 | 1415 | Air required (cfm) |  |  |  |  |  |  |  |  | 123 | 123 |  |  | 61 | 61 |
| Ty                 | Construction number<br><small>Select any unit than this here</small> | U-value   | Or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                       |                                                                      |                                          |      | HTM<br>(Btu/h·ft²) |      | Area (ft²)<br>or perimeter (ft) |      | Load<br>(Btu/h) |      | Area (ft²)<br>or perimeter (ft) |  | Load<br>(Btu/h) |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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|                    |                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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             |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| 6                  | M                                                                    | 13AA-01c  | 0.304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 16.11                                                                | 5.898                                    | 80   | 80                 | 1289 | 472                             | 80   | 80              | 1289 | 472                             |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
|                    | M                                                                    | 13AA-01d  | 0.304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 16.11                                                                | 5.898                                    | 140  | 140                | 2578 | 944                             | 80   | 80              | 1289 | 472                             |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
|                    | M                                                                    | 13AA-01c  | 0.304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 16.11                                                                | 5.898                                    | 80   | 80                 | 1289 | 472                             | 0    | 0               | 0    | 0                               |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
|                    | M                                                                    | 13AA-01c  | 0.304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 0.000                                                                | 0.000                                    | 0    | 0                  | 0    | 0                               | 0    | 0               | 0    | 0                               |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
| 11                 | C                                                                    | 14B-10ad  | 0.033                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 1.444                                                                | 1.444                                    | 200  | 200                | 339  | 333                             | 100  | 100             | 170  | 166                             |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
|                    | F                                                                    | 19A-19bcp | 0.049                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                     | 2.035                                                                | 0.614                                    | 200  | 200                | 407  | 123                             | 100  | 100             | 204  | 61                              |  |                 |  |      |      |       |      |      |      |       |      |      |      |   |   |          |       |   |       |       |    |    |      |     |    |    |      |     |  |   |          |       |   |       |       |     |     |      |     |    |    |      |     |  |   |          |       |   |       |       |    |    |      |     |   |   |   |   |  |   |          |       |   |       |       |   |   |   |   |   |   |   |   |    |   |          |       |   |       |       |     |     |     |     |     |     |     |     |  |   |           |       |   |       |       |     |     |     |     |     |     |     |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |      |      |  |  |      |      |                    |  |  |  |  |  |  |  |  |     |     |  |  |    |    |
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|                    |                                                                      |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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# How To Do A Manual D Calculation

**David Scott**



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