

**Mathematics 5**  
**Winter Term 2010**  
**The World According to Mathematics**

**Dwight Lahr**

**Weekly Schedule: Week #3**

Readings:

Lahr— 2.5 through 2.8.  
Maple Worksheets “ISBN” and “Pythagorean Triples”— get them from the  
“Maple Stuff” page of the Math 5 website.

Exercises due from material covered in week #3 (Wed 1/20, Fri 1/22):

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|-------------------------|--|
| Wednesday 1/20—due:     | <ul style="list-style-type: none"><li>•Hand in homework from Week #2.</li><li>•Exercises 2.4: 5, 6</li><li>•Read 2.5</li><li>•Exercises 2.6: 1-3</li><li>•Maple (get worksheets from Maple page): Try “ISBN” and "Pythagorean Triples" with <math>u=97</math> and <math>v=62</math>. What is the resulting Pythagorean Triple?</li></ul> |
| Friday 1/22—due:        | <ul style="list-style-type: none"><li>•Exercises 2.6: 4</li><li>•Read 2.7</li><li>•Exercises 2.8: 1bd, 2b</li><li>•Read 2.9</li></ul>  |
| Wednesday 1/27—Hand in: | <ul style="list-style-type: none"><li>•Exercises 2.4: 7; 2.6: 5; 2.8: 2c</li></ul>   |

Friday discussion:

Based on the mathematics we have been studying, we will discuss reasoning and logic.