

# A Menu for "The Real Numbers"

## Appetizer #1: Delightful Rational & Irrational Numbers

Here we have an appetizer of the "Real Number System."  
Once we have a taste of rational and irrational numbers,  
we are all ready to try another appetizer...

Go to: <http://www.regentsprep.org/Regents/math/rational/Lrat.htm>

Answer the following questions based on your visit to the website:

1. Why (according to the web site) are rational numbers "nice?" Explain your answer.

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2. Why (according to the web site) are irrational numbers "not nice?" Explain your answer.

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3. Is  $p$  (Pi) a rational or irrational number? Support your answer.

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4. Rational and irrational numbers make-up what number system? \_\_\_\_\_

**OVER PLEASE**

5. Go to: <http://www.regentsprep.org/Regents/math/rational/Prat.htm>

Answer #'s 1-8 and record your answers here:

- |          |          |
|----------|----------|
| 1. _____ | 5. _____ |
| 2. _____ | 6. _____ |
| 3. _____ | 7. _____ |
| 4. _____ | 8. _____ |

6. Did you find this website useful? What did you like or dislike about it? Explain please.

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