

Lesson 1.01 Rational and Irrational Numbers

Overview

The goal of this lesson is to identify rational and irrational numbers. You might remember that a ratio can be expressed as x out of y . Knowing ratios are simply fractions stated differently we could express the same number as the fraction x/y (where y is not 0).

Rational numbers can be expressed as a ratio of two integers, or a fraction (whether proper or improper). **Irrational numbers** cannot be expressed as a ratio of two integers, or a fraction.

By the end of this lesson you will be able to differentiate between rational and irrational numbers and provide a reasonable rational estimate for irrational numbers.

My steps for lesson 1.01 Rational and Irrational Numbers

1. Take preassessment on the Pearson site
2. Navigate to the lesson page and watch the video
3. Complete the worksheet
4. Log on to Apangea and complete the irrational numbers thread
5. Take postassessment on the Pearson site
6. Blog my reflective summary and post the link to the discussion board.
7. Respond to two classmates' blog entries.


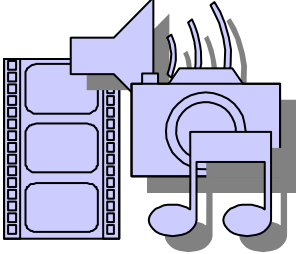
Review of Prior Learning – Prepare For This Topic

Navigate to the Pearson/Prentice Hall site to take your preassessment. Record your score (self assessment).

Instruction

By now you should have read the course navigation. As a reminder, each lesson is designed to provide you with a video overview followed by practice and feedback. The lesson page is divided into six general areas.

1. Watch the instructional video on rational and irrational numbers

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| Module Lesson Title |  |
| Vocabulary URLS TO READINGS/PRACTICE |  Media Content (usually a video) |
| Worksheets | |
| Resources DropBox Forum Grades | Instruction |

Practice

Give it a Try –

1. Using the link provided on the left, download the .pdf form worksheet and complete it. Save it as yourname101 and upload it to the drop box.
2. Log on to Apangea. Complete the irrational numbers thread.

If you experience login errors, or you do not have your assigned username and password, please let me know via e-mail.

Assess

1. Navigate to the Pearson/Prentice Hall site to take your postassessment. Record your score (self assessment).

Reflect

(Blog assignment) – Topic:

1. What was the difference in scores between the preassessment and post assessment?
2. Thinking back to your learning, describe one or two strategies or algorithms that helped to reinforce your understanding of this topic?
3. Post the URL to your blog on the discussion forum.

Respond

1. Read at least two classmates' blogs and to each, provide a thoughtful response (four or more sentences).