The internet does two things really well:

1. DISTRIBUTION
2. DATA MINING
Knewton has built the infrastructure to make this data actionable

1 Data Collection
Enables Knewton’s API to process, norm, and analyze huge amounts of data

2 Inference
Generates insight from event data and allows Knewton to target and predict

3 Personalization
Empowers with real-time model-driven insight, driving recommendations and actionable analytics
Personalization
Recommendations
& Inferred Metrics
FACTORS AND MULTIPLES

Let's continue!

This lesson is from
The number system?
Study Plan

You have earned 26 of 337 mastery points (MP).

Practice these objectives and then take a Quiz Me to prove mastery and earn more points.

What to work on next

1.2 Symbols and Sets of Numbers

Review: Identify natural, whole, integers, rational, irrational, and real numbers.

1.4 Exponents, Order of Operations, Variable Expressions, and Equations

Define and use exponents and the order of operations.

1.5 Adding Real Numbers

Review: Solve application problems that involve addition of real numbers.

1.7 Multiplying and Dividing Real Numbers

Vocabulary and Readiness Check

Video Check

Recently mastered

1.5 Adding Real Numbers

Video Check
Standards

National Common Core
A-SSE

Pace Toward Completion

Class Overall

30 Students

Breakdown

Behind 7 Students
On Pace 8 Students
Ahead 15 Students

Expected Score

79%

Change in Last 7 days

↓2%

Students to watch

<table>
<thead>
<tr>
<th>Student</th>
<th>Active time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Williams, Pualene</td>
<td>0h2m</td>
</tr>
<tr>
<td>Cummings, Will</td>
<td>0h3m</td>
</tr>
<tr>
<td>Bryant, Cho</td>
<td>0h10m</td>
</tr>
<tr>
<td>Simmons, Eric</td>
<td>0h20m</td>
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<tr>
<td>Smith, Lawrence</td>
<td>1h3m</td>
</tr>
<tr>
<td>Billings, Laura</td>
<td>1h4m</td>
</tr>
<tr>
<td>Montrose, Henrique</td>
<td>1h5m</td>
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</tbody>
</table>

Last Updated 01-Mon-2014, 04:58 EST
Francisco Martinez
Grade 3 English: Mrs. Zbornak

Estimated Skills Proficiency

- Minimal: 49%
- Partial: 28%
- Basic: 15%
- Proficient: 11%
- Advanced: 3%

23% (class average) Proficiency and Above

Assignments

- Completed: 2

Activity

- Avg active student time per week: 1hr 40 min
- Total active student time (this school year): 90hr 40 min
- Active time per week: 1hr 40 mins (class average)
Demonstrable Results

BEFORE KNEWTON
10,000 new students every fall at ASU, 2,300 students fail to place into 1st year math

WITH KNEWTON

<table>
<thead>
<tr>
<th></th>
<th>PASS RATES</th>
<th>STUDENTS FINISHING EARLY</th>
<th>WITHDRAWAL RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>F’09-S’11</td>
<td>F’11-S’12</td>
<td>F’09-S’11</td>
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<tr>
<td></td>
<td>50%</td>
<td>80%</td>
<td>0%</td>
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</table>

PROJECTED: 12M IN NON-LOST TUITION