

The Unit Organizer

4 BIGGER PICTURE

NAME _____
DATE _____

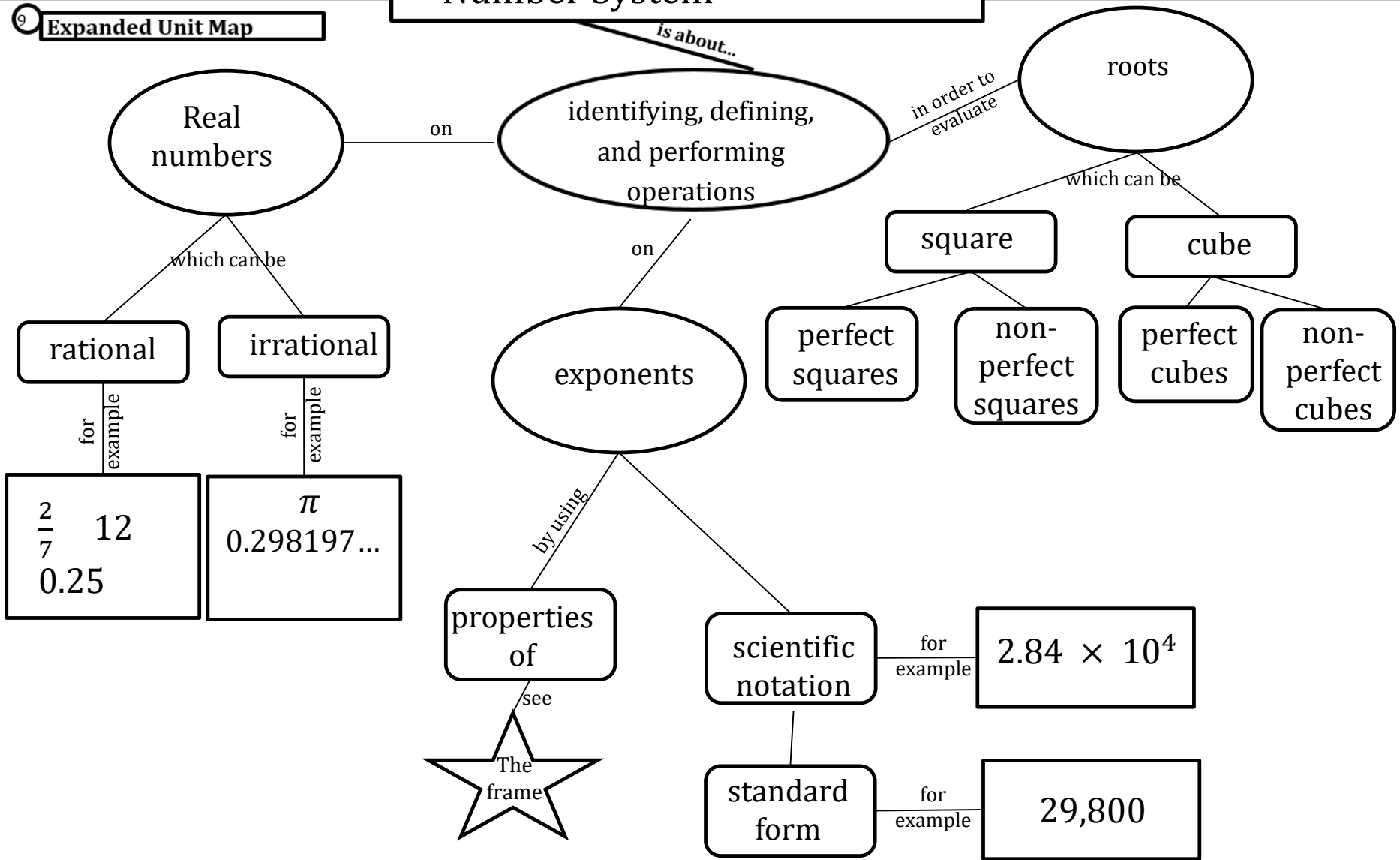
		Pre-Algebra																													
2 LAST UNIT /Experience Functions		1 CURRENT UNIT Number System		3 NEXT UNIT /Experience Geometry																											
8 Vocabulary		5 UNIT MAP																													
<table><tr><td></td><td>Rational</td></tr><tr><td></td><td>Irrational</td></tr><tr><td></td><td>Exponents</td></tr><tr><td></td><td>Evaluate</td></tr><tr><td></td><td>Standard form</td></tr><tr><td></td><td>Scientific notation</td></tr><tr><td></td><td>Roots</td></tr><tr><td></td><td>Square roots</td></tr><tr><td></td><td>Perfect squares</td></tr><tr><td></td><td>Non-perfect squares</td></tr><tr><td></td><td>Cubes</td></tr><tr><td></td><td>Perfect cubes</td></tr><tr><td></td><td>Non-perfect cubes</td></tr></table>			Rational		Irrational		Exponents		Evaluate		Standard form		Scientific notation		Roots		Square roots		Perfect squares		Non-perfect squares		Cubes		Perfect cubes		Non-perfect cubes	<pre>graph LR; A(exponents) -- on --> B(identifying, defining, and performing operations); B -- "in order to evaluate" --> C(roots); B -- on --> D(Real numbers);</pre> <p>The diagram shows a central oval labeled "identifying, defining, and performing operations". To its left is an oval labeled "exponents" connected by a line with the word "on". To its right is an oval labeled "roots" connected by a line with the phrase "in order to evaluate". Below the central oval is an oval labeled "Real numbers" connected by a line with the word "on". Above the central oval is the text "is about..." with a line pointing to it.</p>			
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7 UNIT SELF-TEST QUESTIONS		6 SELF CHECK-IN																													
1. How do I perform operations with numbers to include integers, scientific notation, exponents, and roots?																															
2. Explain why any rational number is either a terminating or repeating decimal.																															
3. Describe the difference between an exact value and an approximation when finding square roots of numbers that are not perfect squares. Give an example of each.																															

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Number System

NAME _____
DATE _____

9 Expanded Unit Map



10 Rate Yourself

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

11 Why?

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Pre-Algebra

② LAST UNIT /Experience

① CURRENT UNIT

3 **NEXT UNIT** /Experience

⑧ Vocabulary

5 UNIT MAP

is about...

on

in order to
evaluate

on

UNIT SELF-TEST QUESTIONS

1. How do I perform operations with numbers to include integers, scientific notation, exponents, and roots?
2. Explain why any rational number is either a terminating or repeating decimal.
3. Describe the difference between an exact value and an approximation when finding square roots of numbers that are not perfect squares. Give an example of each.

⑥

SELF

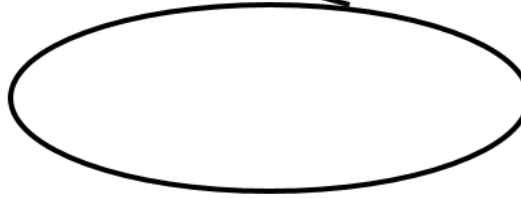
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9

Expanded Unit Map

is about...



10

Rate
Yourself

1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐

11

Why?