

SEPTEMBER 11, 2015

UNIT 1: RATIONAL NUMBERS

**SECTION 3.1:
WHAT IS A RATIONAL
NUMBER?**

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MATH 9



WHAT'S THE POINT OF TODAY'S LESSON?

We will continue working on the Math 9 Specific Curriculum Outcome (SCO) "Numbers 3" OR "N3" which states:

"Demonstrate an understanding of rational numbers by: comparing and ordering rational numbers; solving problems that involve arithmetic operations on rational numbers."

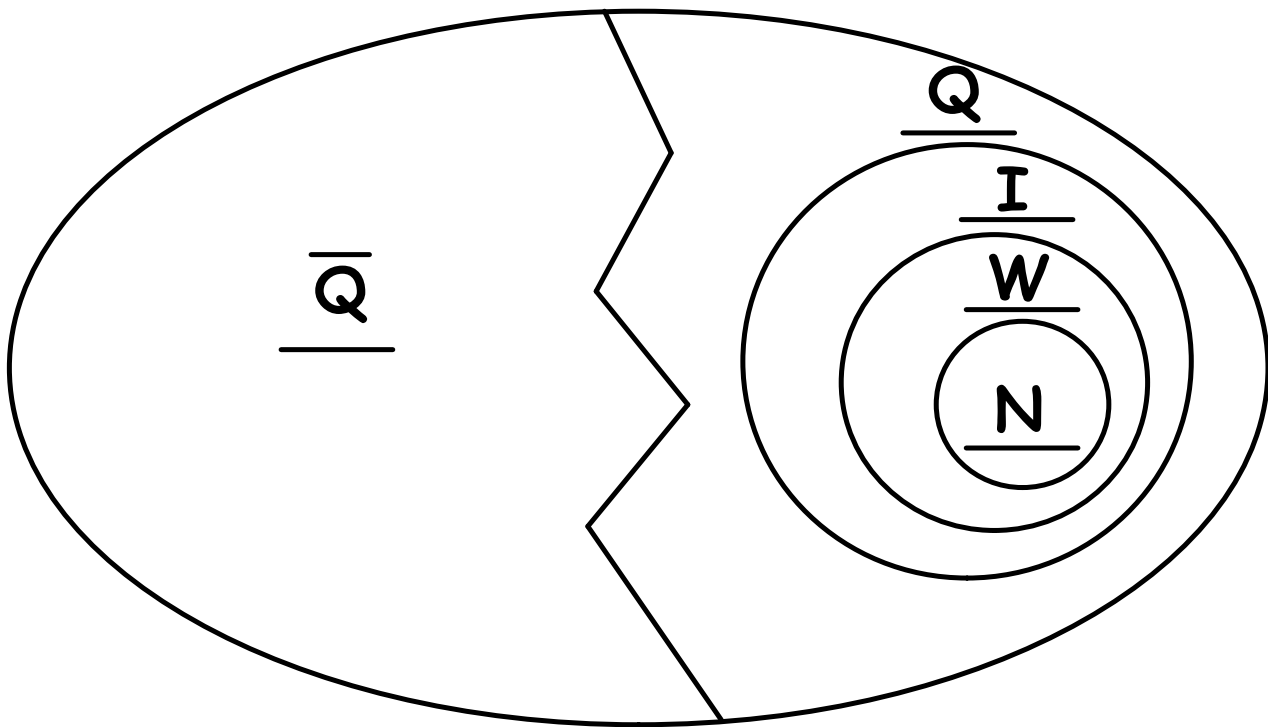


What does **THAT** mean???

SCO N3 means that we will compare and order (largest vs smallest), add, subtract, multiply and divide fractions and any numbers that can be written as fractions. For example, sometimes we will work with $\frac{1}{2}$ or 0.5. We have to know how to work with both.



TITLE: R



Which number groups do the following numbers belong to? (NOTE: Every number belongs to AT LEAST 2 number groups.)

1. 2 R, Q, I, W, N

2. -3 R, Q, I

3. $\frac{1}{4}$ R, Q

4. π R, \bar{Q}

5. $\sqrt{15}$ R, \bar{Q}

6. -0.9 R, Q

7. $\sqrt{25}$ R, Q

8. 0 R, Q, W, I

TRUE or FALSE:

1. ALL integers are rational numbers. T

2. ALL natural numbers are whole numbers. T

3. ALL rational numbers are natural numbers. F

4. ALL integers are irrational numbers. F