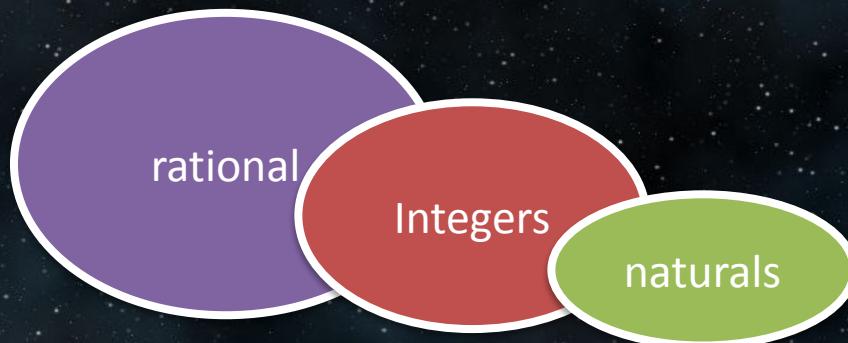
The background features a dark space-themed design with numerous small white stars. Overlaid on this are several large, semi-transparent circles in shades of red, orange, and brown. In the center, there is a stylized representation of a solar system with a large black circle representing a planet, a smaller blue circle representing a moon or satellite, and a few smaller colored dots (yellow, green, and orange) representing smaller celestial bodies.

# Algebra

- Repair 7<sup>th</sup> grade

# Natural Integers rational Numbers

- Natural = 1,2,3,7...
- Integers = ...-2,-1,0,1,2...
- Fractions ... $\frac{1}{3}, -\frac{2}{3}, \frac{2}{3}, -\frac{1}{5}, \frac{3}{8}...$



# rational retail

$$\frac{1}{6} * \frac{2}{4} = \frac{2}{24} = \frac{1}{12}$$

# short multiplication formula

- $(x + y)^2 = (x^2 + 2xy + y^2)$
- $(x - y)^2 = (x^2 - 2xy + y^2)$
- $(x^2 + y^2) = (x + y)(x - y)$
- $x^2 + y^2 = (x + y)(x - y)$
- $(x^3 + y^3) = (x + y)(x^2 - 2xy + y^2)$
- $(x^3 - y^3) = (x + y)(x^2 + 2xy - y^2)$

$$(25+10b+b^2) = (5 + b)^2$$