

Algebra I

11-2

Decimal Forms of Rational Numbers

Rational Number -

How do you change a fraction into a decimal?

Express each rational number as a terminating or repeating decimal. (pg 515)

1a) $\frac{2}{3}$

1b) $\frac{9}{2}$

Express each rational number as a fraction in simplest form

19) 0.325

How to change a repeating decimal to a fraction.

21) $0.\overline{4}$

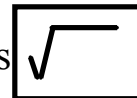
1) Let $x =$ the number	
2) Count the digits beneath the bar.	
3) Multiply by 10^n , $n =$ number of digits beneath the bar	
4) Subtract and Solve	

Write as a fraction.

25) $0.\overline{07}$

Assignment
pg. 515
2-30 even

You will need a calculator that can do Square Roots



by _____
(Date)

(If you are planning to take Geometry and Algebra II, you might want to consider investing in a scientific calculator, with **sin** , **cos** , and **tan** buttons)