## MATH 016 CLASSWORK 12

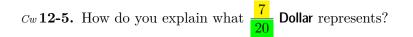
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- Cw12-1. Imagine someone who knows only
  - counting numerators namely 1, 2, 3, ...
  - and that the *denominator* **Dollar** represents a real world

Explain to that person what a **nickel** represents.



- Cw 12-2. Once you have explained that 20 nickels = 1 Dollar, how do you explain what 2 nickels represents?
- *Cw***12-3.** After you have explained that **nickel** is a shorthand for **of-which**-20**-can-be-exchanged-for**-1**-Dollar**, what is 3 **nickel** a shorthand for? Make your case.
- *Cw***12-4.** Once you also know that **dime** is shorthand for **of-which**-10**-can-be-exchanged-for**-1**-Dollar**, what can 3 **nickels** be exchanged for? Make your case.



- *Cw* **12-6.** How should one read  $\frac{7}{13}$  **Banana** so that someone who knows only how to *count* can understand what it represents?
- Cw **12-7.** For what can you exchange  $\frac{37}{20}$  **Dollar**? Make your case.
- $Cw\, 12\text{-}8.$  For what can you exchange  $3\frac{7}{20}\, \text{Dollars}?$  Make your case.