## Answer on Question #69793

Determine the volume of hydrogen gas (H2) is produced when 53.9 g of water is reacted with 53.2 g of lithium. (Hint: This is a single displacement reaction and water can be written as H2O or HOH).

## Solution:

$$(H\ O)$$
 — 497(mol eqv)   
 $(Li)$  — 855(mol eqv).   
 $n(H_2)$   $(H\ O)$    
 $V(H_2) =$ 

Answer: 33.53 l.

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