

# Building Mental Muscle (power to conceptualize) through Logic Exercises

## Lesson 1a - Exercise

Translate and identify the following verses.

Meaning of symbols:

$\vee$  = or

$\rightarrow$  = if . . . then

$\neg$  = negates-

\_\_\_ = therefore

1. Deuteronomy 30:19, "I call heaven and earth to witness against you today, that I have set before you life (P) and death (Q), the blessing and the curse. So choose life in order that you may live, you and your descendants,

$P \vee Q$

$\neg Q$  (God negates the option of Q/death in His appeal)

$P$  (So . . . )

Translate this symbolic logic (extract logical concepts from the verse).

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Type of syllogism \_\_\_\_\_

2. 1 John 1:9, If we confess our sins (P), He is faithful and righteous to forgive us our sins and to cleanse us from all unrighteousness (Q).

$P \rightarrow Q$

$P$   
 $Q$

Translate this symbolic hypothetical syllogism (2<sup>nd</sup> and 3<sup>rd</sup> lines are actually not in the verse, you will need to add those concepts in making the argument).

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The name of this hypothetical syllogism \_\_\_\_\_

I will give answers and explanations in the next logic lesson

HAPPY CONCEPTUALIZING 😊