

June 8, 2015
 Quiz #1
 Base 10 system
 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
 How many 15 digit numbers are possible in Base 10?
 $\square^1 \square^2 \square^3 \square^4 \dots \square^{15}$
 7063106334
 12345678910

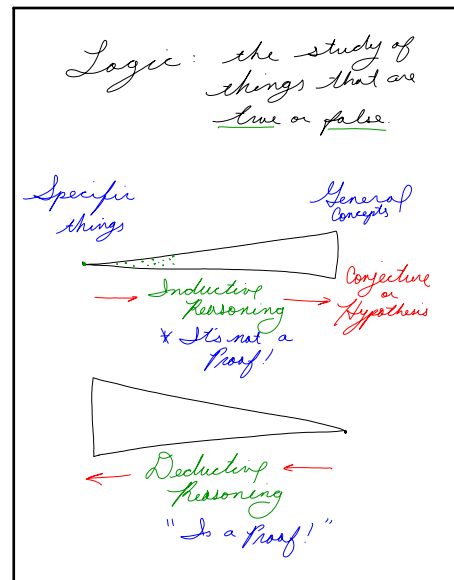
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Quiz #2
 * More from Chp #1
 * Chopte 1.2
 ↓
 from last The.
 1, 4, 5, 8, 9, 14, 17, 20, 24,
 28, 39, 40, 53, 63, 68, 81

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Chp 1.2 assignment
 pg. 25-26
 Do → 1, 3, 4, 6, 7, 18, 20, 28,
 29, 32, 36, 40
 Chp 1.3
 pg. 34-35
 2, 4, 7, 9, 10, 13, 14, 18, 20,
 29, 30, 37, 41, 46

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* Key Points!
 Given any Conclusion
 • Adding more examples does not make a proof.
 eg. list the set of Natural numbers (Counting)
 2, 123, 1005,
 16, 1, 103,
 200, 678,
 • But, only one example is needed to dis-prove "Counter Example"

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A.C → \$200.00
 $\$200 \cdot (12\%)$
 $\$200 \cdot (.12) = \24
 $\$200 + \$24 = \text{New: } \$224.00$
 A.C → \$224.00
 $\$224 \cdot (.12) = \26.88
 $\$224 - 26.88 = \197.12

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① $0, 4, 4, 0, -4, ?$
 $+4, +0, -4, -4, -0, +4$
 $-0, +0$
 (-4) *delete in stone!*

② $0, 4, 4, 0, 4$
 $+4, 0, -4, +4, 0, -4$
 $0, 0, 0$
 $0, (4, 4), 0, (4, 4), 0, (4, 4), 0, 5, ?$

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using the rules of algebra $8x + \frac{2}{-2} = \frac{10}{-2}$ (??)

$\frac{8x}{8} = \frac{8}{8}$

$x = 1$

Is this true?

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