

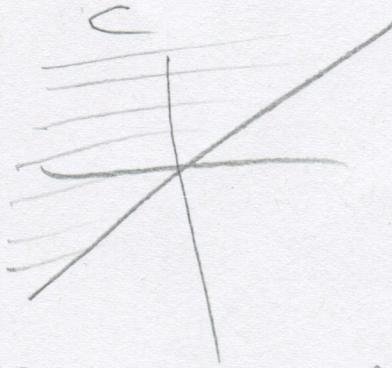
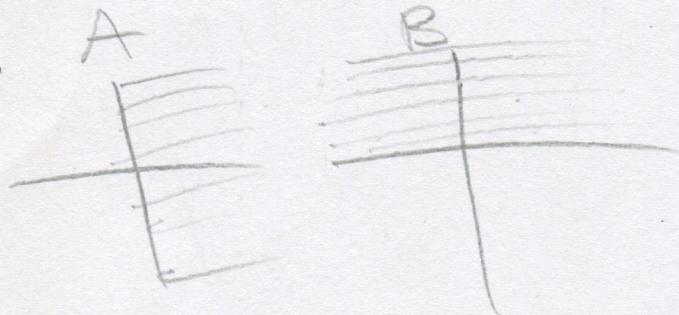
$$3. \forall z (\exists x (\forall y ((x \neq y + z) \vee (y \geq 0))))$$

10. a) $\sum_{i=0}^n a_i = 5i - 1$

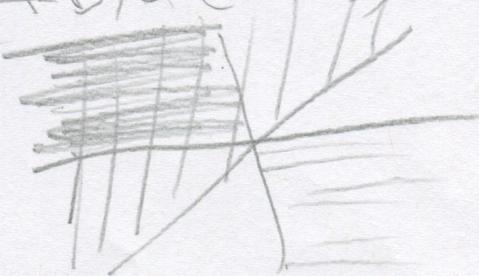
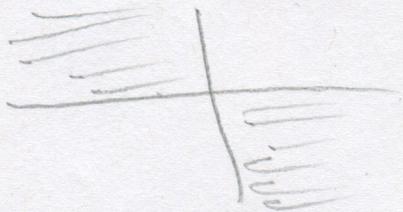
b) $a_n = a_{(n-1)} + 5$

c) $\sum_{i=0}^n a_i = -1 + 4 + 9 \dots + a_{(n-1)} + 5$

11.



$$(A-B) \cup (B-A) \quad ((A-B) \cup (B-A)) \cap C$$



Chris Fenton Final Corrections w/ Ross, Simon, Chad as collaborators