Review 11

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- 1. Let $n, d \in \mathbb{Z}$ with $d \neq 0$. We say d divides n if n = dk for some kor equivalently $\underline{\underline{}} \in \mathbb{Z}$.
- 2. (Transitive property) If a|b and b|c, then a|c
- 3. $\forall m, n \in \mathbb{Z}$, if a|b and a|c, then a|(mb+nc).
- 4. Division Algorithm
 - 11 Mod 5= -11 Mod 5 = 4remainder > 0