2) Does 7/56; ugs, 56=7.8 6) Is 29 a multiple of 3; No 29/3 & INT 7) Is -3 a factor of B6; yes -3. -27=66 24) For ell INT a, b, e; if alb and alc, then a1126-30) Torge Suppose a,b,e are any INT such that alb + ale By det of druisability, we know that 6=am and c= an for some INT mon 20-3c=2(am)=3(am)= G(2m-3N Let t= 2m 3n. Then t is an INT. 37A) STO Form: 1,176 = 23.3.72 4,4 3) n=dq+r and O≤r<d n=36, a=40 q=0 r=36 11) A) Day T = 6 (Solunday) and h= 15

If today is Sat, +15 days is 2 weeks = sat+1

= Sunday, Day N = 0 Day N = (Day T+N) mod 7

= (G+15) mod 7 =21mod 7 = 0 13) On a monday, a friend will meet you in 30 days What day is it 30 = 4.7+2 = Weel