S=2650; S=2[Fa, +a,] = 3n2+7n-5300 S=2[5+3n+2]; n= + + 649-(4.3.5300) S=2[5+3n+7]; n= 245=40.88 S= = (a,+an/= 12 (105,994)=64.1099=70336, $\sum_{k=3}^{15} (2k+1) = \sum_{j=1}^{13} \left[2(j+2) + 1 \right] = \sum_{j=1}^{13} (45+5)$ 821=1+301-105+1=128 = a + d = a, + (0-11) d= 12 ars: 12+(25-1).5=132 Problem 4 $n = 22 \frac{11}{2}$ $S = \sum_{k=1}^{2} [5+(k-1).4]$ 68+ a 10=57 1-7-142-994 8-68-1.11-4)+8 an = a, * (n=1).d Problem 5 S= \(\Section\); a, = 3(1)+2=5 #8=1-45 F S=S+8+13+. a,=12; a a,=8, d=4, Padlen 2 =3n+2 Problem 3 4.W. 29.2 Proflem 30 = 45 9

```
2,=3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \frac{3=k-3}{2}, \overline{3}=0^{i}
\frac{5}{2} 4(\frac{1}{2})^{k} = \frac{9}{2} 4(\frac{1}{2})^{3} = \frac{9}{2} 4(\frac{1}{2})^{3} = \frac{9}{2} (\frac{1}{2})^{7+3}
\frac{9}{2} 4(\frac{1}{2})^{k} = \frac{9}{2} 4(\frac{1}{2})^{2} = \frac{9}{2} 4(\frac{1}{2})^{3} = \frac{9}{2} (\frac{1}{2})^{7+3}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          an=-6, an=48; -6=a, R=48
an=a, R"-1 48=a, R=26 ax
                                                                                                      (150-11-02) +5-2/25 - ors
                                                                                                                                S = 10 (10+19)
                                                                                                                                                                                                                                                                                                                                                                                                23 (3.13+19)
= 1012
                                                                                                                                                        S=100 +95;
                                                                                                                                                                                                                                                                                                                n, 5-19± (192-43. (-2000)
                                                                                                                                                                                                                                                      2[22+(3n-3)] >1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     a. ~ 3. (-2) & -1536
                                                                                                                                                                                                                                                                                  22N + 3n2 - 3n > 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                              K=0;
                                                            a10= a5+a15-40;
                                                                                                                                                                                                                                                                                                                                                              n=156,03
n=-19+156,03
                                                                                                                                                                                                                                                                                                        312+$911-
                                                                                                                                                                                                                                                                                                                                                                                                           Siz =
                                         a15 = 60
                                                                                                                                                                                        Rollen 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Problem 10
                                                                                             Pallem: 7
                   as = 20
Problemi6
                                                                                                                                     d=0,5
                                                                                                                                                          02 = 1
                                                                                                                                                                                                                a, = 11
```

t+xh+2x2-Ex+5 37(x+3)(x-2)(x+5) 7836 (Remainderal -5)+(x2-x2+4x+7)=2x4-3x+x +38=(x2-9)(x2-4)=(xi R=8/27, R=3; -X+X+ +X = (1 +x +2x S1x = 8 (1.=.1 36×2932 Sn = 2 -31x+15 581 22-1458 PROBLEM Q = 54; Rollen : CM: 300:

Peoplen 11