MANUCHIM AMADI 16/MHS01/041 PHARMACOLOGY

1. Unknown
2. The arithmetic progression has common difference -5

The number of terms is 180-25 + 1= 32

 5

The average term is the same as the average of the 1st and last terms: 180+25= 205

 5 2

 So the sum of the series is 32.205= 16.205= 3280

 2

1. Sum of roots

1/2 and 3/2

1/2 + 3/2

1/2 + 3/2 = 1+3= 4 = 2

 2 2

Sum of roots =2

Product of root = 1/2 \* 3/2= ¾

 Thus eqn 1 becomes

X2-2x+3/4= 0

Multiply through by 4

4x-2-8x+3=0