```
L.H. 5 = Cot A. Sec A. Sin A
                                                                         SinA CosA Sin(A)
                                                                                           = 1
= R.H.S /2
            2) Cot 20 (1- Cos 20) = Cos 20
            C\cdot H\cdot S = \left(\frac{C_{45} \circ Q}{Sin^{2}Q}\right) \left(Sin^{4}Q + C_{98} \circ Q - C_{99} \circ Q\right)
                                                                                                 = \frac{\cos^3 \theta}{\sin^2 \theta} \times \sin^2 \theta
= \cos^2 \theta
= R \cdot H \cdot \frac{S}{s}
                  3) (1-(05°0) Sec20 = tan20
            Litting Sin 8 \frac{1}{2} = \frac{1}{2} \frac{1}{2}
                  Litt S = Sind Cost K

= Sind Cost K

= Sind 
                  5) COS K. COSECK. Cot K = Cot 2 K
                  L.H. S = Cosk. L Cotok
                                          Sink
= Got & Cot &
= Cot & &
= R.H. S/,
                              * Sin & 0 + Cos & 0 = 1 ; 0 = 10,000'
                        \begin{array}{lll} (\underline{d}_{1},\underline{u},\underline{u})^{1-2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d}_{2},\underline{d
                                                                                                                                                        15) Sin (797°) =

16) Sin (174") =

18) Sin (1543°) =

19) Sin (1932") =

20) Sin (4321") =
```