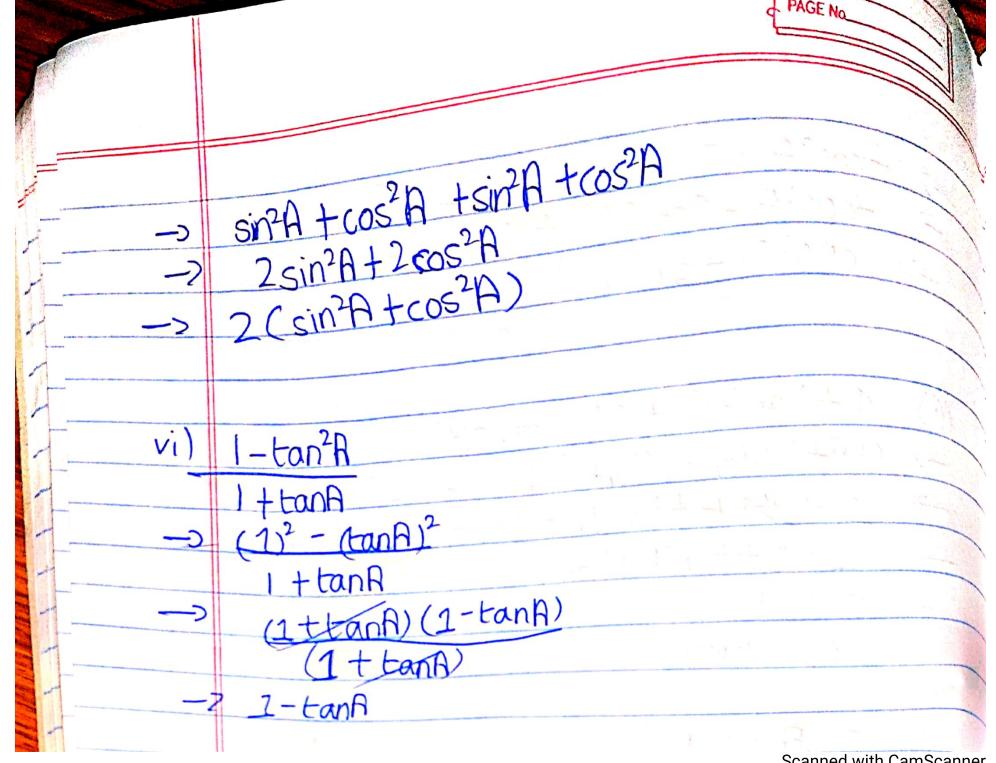
```
3 Simplify:
  Sin O (1-coso) + coso (1 + sino)
 Sind - sind coso + coso + sind cost
  sint tooso
7cos20 - 5sin20 - 6 (cos20 + 6cos20)
```

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-7 + \frac{7\cos^2\theta}{-5\sin^2\theta} - \frac{6\cos^2\theta}{-6\sin^2\theta} + \frac{6\sin^2\theta}{-5\sin^2\theta} - \frac{7\cos^2\theta}{-6\cos^2\theta} + \frac{6\sin^2\theta}{-5\sin^2\theta} - \frac{1}{3\cos^2\theta} + \frac{1}{3\sin^2\theta}
```

- 111) $(1+\tan A)^2 + (1-\tan BA)^2$ -7 $(1)^2 + 2 \cdot 1 \cdot \tan A + (\tan A)^2 + (1)^2 - 2 \cdot 2 \cdot 1 \cdot \tan A + (\tan A)^2$ -7 $2 + 2 \cdot \tan A + \tan^2 A + 1 - 2 \cdot \tan A + \tan^2 A$ -7 $2 + 2 \cdot \tan^2 A$ -> $2 + 2 \cdot \tan^2 A$
- $\frac{-}{2} \frac{2(1+\tan^2 R)}{2}$
- iv) $(\sin R \cos R)^2$ $\sin^2 R - \cos^2 R$
- -> (SinA-cosA) (SinA-cosA) (SinA+cosA) (SinA-cosA) SinA-cosA SinA+cosA



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tan30 - 4tant tan0+2 tan D (tan 20 - 4) tano +2 tano{ tano2 - 2123 tanb+2 tano (tano F2)(tano-2) tand (tand +2)

