d) 
$$\int \frac{\cos x}{2 + \sin x} dx = \frac{|\sin x|}{|\cos x|} = \frac{1}{4} = \frac{1}{|\cos x|} + \frac{1}{|\cos x|} + \frac{1}{|\cos x|} + \frac{1}{|\cos x|} = \frac{1}{|\cos x|} + \frac{$$

C=-4

$$\frac{4^{2}-2}{(1-t)(1+t)} = \frac{3}{4(1-t)} + \frac{3}{2(1+t)^{2}} - \frac{1}{4(1+t)}$$

$$\int \frac{t^{2}-2}{(1-t)(1+t)^{2}} = -\frac{3}{4} \int \frac{1}{1-t} + \frac{3}{2} \int \frac{1}{t^{2}+2+t} - \frac{1}{4} \int \frac{1}{1+t} = \frac{3}{4} \ln |1-\sin x| - \frac{1}{4} \ln |1+\sin x| + \frac{3}{2} \int \frac{1}{(1+t)^{2}} dx = \frac{3}{4} \ln |1-\sin x| + \frac{3}{4} \ln |1+\sin x| + \frac{3}{2} \ln |1+\sin$$

d) 
$$\int_{0}^{x} accsin x dx$$

$$\int_{0}^{x} accsin x dx = \int_{0}^{x} \frac{1}{1-x^{2}} \frac{1}{1-x$$

