**Nama : afris yasin**

**SOAL**

1. (x)

Jawab.

1. 𝑎0 =

.

 (-4) ) - ( –

 +2

 =4

 dx

= x cos dx

 intergal persial :∫

 misal : u=-x dv=∫cos

 du=dx

 v=∫cos

 =∫cos L

 =

=(uv-∫v du)+(uv-∫vdu)

=[-x

=[dx]+[

=[(

=[

=[(coscoscos)]

=[-

=0+0 =0

bn=

 =

 Parsial ; du =-dx ; t=

du=sin ; dx=

 =

=(uv∫v du)+(uv-∫v du)

=[-x · cos cos ]

=[ dx] + [

=[( )+ · sin ] +

 [(

=[(

=[

 =

 ⥤ f(X)=

=sin

=2+