```
def making_a_circle():
        Print_Function()
        global n, nbar
        g='1 0 0 0 0, \
            0 1 0 0 0, \
            0 0 1 0 0, \
            0 0 0 0 2, \
            0 0 0 2 0'
        c3d = Ga('e_1 e_2 e_3 n \\bar{n}',g=g)
        (e1,e2,e3,n,nbar) = c3d.mv()
        e = n + nbar

        A=make_vector(e1/2,ga=c3d)
        B=make_vector(2*e1,ga=c3d)
        C=make_vector((4.0/5)*e1 + (3.0/5)*e2,ga=c3d)

        A=8*A
        B=2*B
        C=10*C

        print 'F(a) = ',A
        print 'F(b) = ',B
        print 'F(c) = ',C
        print '#Circle through a,b,c'

        print 'A^B = ',(A^B)/3
        print '#Circle triveector:'
        print '(A^B)^C = ',A^B^C
        print 'B^C = ', (B^C)/3
        print '#The same circle trivector as before, different computation order and scaled: '
        print 'A^(B^C) = ',(A^B^C)/18
        print '#Haven\'t figured out how to format the coefficients nicely'
        print '# Are A,B,C all on the line? Let\'s check one:'
        print 'A^B^C^D =',A^B^C^C

        return
```

Code Output:

$$F(a) = 4\boldsymbol{e_1} + \boldsymbol{n} - 4\bar{\boldsymbol{n}}$$

$$F(b) = 4\boldsymbol{e_1} + 4\boldsymbol{n} - 1\bar{\boldsymbol{n}}$$

$$F(c) = 8 \cdot 0\boldsymbol{e_1} + 6 \cdot 0\boldsymbol{e_2} + 5 \cdot 0\boldsymbol{n} - 5\bar{\boldsymbol{n}}$$

Circle through a,b,c

$$A \wedge B = 4\boldsymbol{e_1} \wedge \boldsymbol{n} + 4\boldsymbol{e_1} \wedge \bar{\boldsymbol{n}} + 5\boldsymbol{n} \wedge \bar{\boldsymbol{n}}$$

Circle triveector:

$$(A \wedge B) \wedge C = -72 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{e_2} \wedge \boldsymbol{n} - 72 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{e_2} \wedge \bar{\boldsymbol{n}} + 90 \cdot 0\boldsymbol{e_2} \wedge \boldsymbol{n} \wedge \bar{\boldsymbol{n}}$$

$$B \wedge C = 8 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{e_2} - 4 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{n} - 4 \cdot 0\boldsymbol{e_1} \wedge \bar{\boldsymbol{n}} - 8 \cdot 0\boldsymbol{e_2} \wedge \boldsymbol{n} + 2 \cdot 0\boldsymbol{e_2} \wedge \bar{\boldsymbol{n}} - 5 \cdot 0\boldsymbol{n} \wedge \bar{\boldsymbol{n}}$$

The same circle trivector as before, different computation order and scaled:

$$A \wedge (B \wedge C) = -4 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{e_2} \wedge \boldsymbol{n} - 4 \cdot 0\boldsymbol{e_1} \wedge \boldsymbol{e_2} \wedge \bar{\boldsymbol{n}} + 5 \cdot 0\boldsymbol{e_2} \wedge \boldsymbol{n} \wedge \bar{\boldsymbol{n}}$$

Haven't figured out how to format the coefficients nicely Are A,B,C all on the line? Let's check one:

$$A \wedge B \wedge C \wedge D = 0$$