Some R2 complex exponential calculations using CliffordBasic.

```
<< CliffordBasic`;
$SetSignature = {2, 0};
ClearAll[a, b, c, angle, exp, r]
exp[t_] := Module[{abs},
     abs = Sqrt[-GeometricProduct[t, t]];
    Cos[abs] + (t/abs) Sin[abs]];
r[t_] := GeometricProduct[e[1], exp[t]];
a = r[e[1, 2] Pi / 3]
b = r[e[1, 2] Pi / 6]
c = GeometricProduct[a, b] // Simplify
angle = exp[e[1, 2] Pi (-1/3 + 1/6)]
iangle = MultivectorInverse[angle] // Simplify
GeometricProduct[c, iangle]
\frac{e\,[\,1\,]}{2}\,+\,\frac{1}{2}\,\sqrt{3}\,\,e\,[\,2\,]
\frac{1}{2}\sqrt{3} e[1] + \frac{e[2]}{2}
\frac{1}{2} \left( \sqrt{3} - e[1, 2] \right)
\frac{\sqrt{3}}{2} - \frac{1}{2} e[1, 2]
\frac{1}{2} \left( \sqrt{3} + e[1, 2] \right)
{Cos[Pi / 3], Sin[Pi / 3]}
{Cos[Pi / 6], Sin[Pi / 6]}
\left\{\frac{1}{2}, \frac{\sqrt{3}}{2}\right\}
\left\{\frac{\sqrt{3}}{2}, \frac{1}{2}\right\}
```