$$ab = (3+bi)(2-i) = b-3i+6+7 = (2+bi)$$

$$b= b-3i+6+7 = (2+bi)$$

$$b= b-3i+6+7 = (2+bi)$$

$$c= b$$

$$1/(3+1) = \frac{3-i9}{9+16} = \frac{3}{25} - i\frac{3}{2}$$

$$\psi = \begin{pmatrix} 3^{4} & 1 \\ 2^{-1} & 1 \end{pmatrix}; \quad \|\psi\| = \sqrt{\psi^{7} \cdot \psi} = \sqrt{(3-4)(3+4)(1+1)(2+1)} = \sqrt{3+16+2+1} = \sqrt{2}$$

