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[MTH305] $\left(\forall n \in \mathbb{Z}\right)$; Evaluate $(i^n + i^{2n} + i^{3n} + i^{4n}) =$
 (0)

[MTH305] Evaluate $(e^{\log(1+i)}) =$
 $1 + i$

[MTH305] If C is a straight line from $Z = -i$ to $Z = i$ then $(\int_C |Z| dz) =$
 i

[MTH305] Simplify $(i^4 + i^8 + i^{12} + i^{16}) =$
 -1

[MTH305] If $(Z = x + iy)$ then $(\left| \sin z \right|^2)$
 $(\sin^2 x + \cosh^2 y)$

[MTH305] Simplify $(\cos(\ln a) + i \sin(\ln a) = e^{i \theta})$; $\forall (a > 0)$
 (a^i)

[MTH305] Solve $\log i =$
 $(\log e^{-i\pi/2})$

[MTH305] Product of complex number Z and conjugate is
 $|z|^2$

[MTH305] Which of the following is a kind of singularity
all of these

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