

COMPLEX NUMBERS PRACTICE ANSWERS

Express in terms of i :

$\frac{1}{i}$

$\frac{1}{-i}$

Simplify and put your answer in standard form
(i.e., no i s in the denominator, or $a+b$ form)

$\frac{1}{1+i}$

$\frac{1}{1-i}$

Simplify:

$\frac{1}{i^2}$

$\frac{1}{i^3}$

$\frac{1}{i^4}$

$\frac{1}{i^5}$

$\frac{1}{i^6}$

$\frac{1}{i^7}$