

COMPLEX NUMBERS

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TUNE: "OLD MACDONALD"

Complex numbers are lotsa fun. *i-i-i-i-i*
'Cause i 's the square toot of negative 1. *i-i-i-i-i*
With an $(a + bi)$ here and an $(a + bi)$ there.

Here an $(a + bi)$, there an $(a + bi)$

Everywhere an $(a + bi)$.

Complex numbers are lotsa fun. *i-i-i-i-i*

i squared is just negative one, *i-i-i-i-i*
So powers of i are easily done. *i-i-i-i-i*
With an i squared here and an i squared there.
Here an i squared, there an i squared,
Everywhere an i squared.
 i squared is just negative one. *i-i-i-i-i*

Adding is just like a game. *i-i-i-i-i*
Just com-bine terms that are the same. *i-i-i-i-i*
With a like term here and a like term there.
Here a like term, there a like term,
Everywhere a like term.
Adding is just like a game. *i-i-i-i-i*

Mul-ti-pli-ca-tion is not toil. *i-i-i-i-i*
Just ex-pand it by using FOIL. *i-i-i-i-i*
With a product here and a product there.
Here a product, there a product,
Everywhere a product, product.
Mul-ti-pli-ca-tion is not toil. *i-i-i-i-i*

Di-vi-sion is really great. *i-i-i-i-i*
Multiply both by the con-ju-gate. *i-i-i-i-i*
With a conjugate here and a conjugate there,
Here a conjugate, there a conjugate,
everywhere a con-ju-gate.
Di-vi-sion is really great. *i-i-i-i-i*