

Re: Recurring decimal – international question

Source: <http://sci.tech–archive.net/Archive/sci.math/2006–02/msg01299.html>

- *From:* rob@xxxxxxxxxxxxxxxx (Rob Johnson)
 - *Date:* Wed, 08 Feb 2006 14:56:58 GMT
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In article <gerry–DB452B.09433108022006@xxxxxxxxxxxxxxxxxxxx>, Gerry Myerson <gerry@xxxxxxxxxxxxxxxxxxxx> wrote:

In article <1139349781.558685.277850@xxxxxxxxxxxxxxxxxxxx>, "Randy Poe" <poespan–trap@xxxxxxxx> wrote:

I've occasionally seen the parenthesis notation. Never the dot. How would you indicate more than one repeating digit with the dot notation?

By using 2 dots, one each over the first & last digits in the repeating part.

Since nothing follows an infinitely repeating sequence of digits, why would the second dot be needed? For example,

$$\frac{27}{140} = .19285714$$

would seem sufficient.

Rob Johnson <rob@xxxxxxxxxxxxxxxx>
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