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Subject: Re: division to move a decimal point  
Posted by [M. Katz](#) on Mon, 03 Jan 2011 02:09:17 GMT  
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Try double-precision, indicated by a 'd' rather than just a '.'

```
IDL> print, 1948005/100d  
19480.050
```

When dividing this long integer by a double-precision floating-point value, the calculation is performed in double-precision, and you get a few more significant digits than with single-precision floating-point, which was causing your rounding.

M.

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