Subject: Re: Basic Math: I _hope_ this is a stupid question
Posted by Geoff Cureton on Wed, 27 Apr 2005 16:26:05 GMT

Ed Hyer wrote:

> IDL> print,288*180
>   -13696
> IDL> print,long(288*180)
>   -13696
> IDL> print,ulong64(288*180)
>   18446744073709537920
> IDL> print,288.*180
>   51840.0
>
> I just want to multiply two integers! Is that so wrong?

 What about appending "L" to the integers to make sure they are of type
long integer. Thus...

IDL> print,288L*180L
     51840

Like someone wrote, your ints must be cast as long int *before* the
computation, so it is done with long int arithmetic. Trying to cast
the result as long int afterwards won't work, the damage is done :-)

Hope this helps,
     Geoff