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Silly rounding error

Try out the following code:

```plaintext
beginfig(1);
65 = 195*1/3;
endfig;
```

Metapost will give you an error!

```
! Inconsistent equation (off by ~0.00099).
```

This error is caused by accumulated rounding errors. In fact, even

```plaintext
show 1=3*1/3;
```

would already report `false`.

The fraction 1/3 is internally represented as 21845/65536, and three times that is 65535/65536, one short of the mark (btw, most fractional numbers deteriorate faster than 1/3). If you create the error 65 times, you end up with a deviation of 65/65536, and that is what triggers the ‘inconsistent equation’ error handler.

What makes this particularly funny is that the web source says:

```plaintext
if abs(value(p))>64 then {off by ~.001 or more}
begin print_err("Inconsistent equation");@/
print(" (off by "); print_scaled(value(p)); print_char(")");
help2("The equation I just read contradicts what was said before.")@/
  ("But don’t worry; continue and I’ll just ignore it.");
put_get_error;
end
```

But the 65/65536 = 0.0009918212890625, not 0.001