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窖：地藏也；cellar
窖 居效切, kaau3, jiào

Now we have a circular cellar,
with lower circumference
two hundred and eighty-six 尺,
and depth ~~three~~ three 丈 six 尺.
We ask: how much grain
beneath it?
Answer saith: one hundred and
fifty-one thousand, four hundred
and seventy-four 斛 seven 升
and eleven twenty-sevenths of
a 升.
Method saith: put down the
circumference, two hundred and
eighty-six 尺, which, multiplied
with itself, resulteth in eighty-one thousand,
seven hundred and ninety-six ~~square~~ 尺.

今有圓窖，下周二百八十六尺，
深三丈六尺。問受粟幾何?
答曰：一十五萬一千四百七十
斛七升二十七分升之四。
術曰：置周二百八十六尺，自相
乘，得八萬一千七百九十六尺。

$$V = \pi r^2 H$$
$$= \frac{(2\pi R)^2 H}{4\pi}$$
$$= \frac{C^2 H}{4\pi} \simeq \frac{C^2 H}{12} = \frac{(286\,尺)^2 (36\,尺)}{12} \div \frac{1.62 R^3}{斛}$$
$$= 151474\,斛 + 7\tfrac{11}{27}\,升.$$

Here $\pi \simeq 3$.

Multiplying it by the depth, three 丈 six 尺, resulteth in two million, nine hundred and fifty-four thousand, six hundred and fifty-six 尺. Dividing it by twelve, resulteth in two hundred and forty-five thousand, three hundred and eighty-eight cubic 尺. Dividing it by the 斛 divisor, one 尺 six 寸 two 分, we are done.

以深三丈六尺乘之，得二百九十五萬四千六百五十六尺。以十二除之，得二十四萬五千三百八十八尺。以斛法一尺六寸二分除之，即得。

Only Version C has 尺 before 以十二除之. Not that this matters, since the ~~grain~~ volume-capacity conversion constant

1尺6寸2分/斛

should really be

~~$\times$~~ 1.62 尺^3/斛

i.e. (1尺6寸2分)尺^2/斛 .