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C em. has • U+25CF for both 甄.

Now we have an house foundation,  
three 丈 north-to-south, and  
six 丈 east-to-west; we wish to  
build it using bricks.

Every two ~~square~~ 尺 of area useth  
~~requireth the use of~~ five bricks.

We ask: how ~~many~~ <sup>much</sup> bricks  
amounteth ~~this~~ to?

Answer saith: four thousand five  
hundred bricks.

Method saith: put down the  
six 丈 east-to-west. multiplying  
it by ~~the~~ three 丈 north-to-south,  
resulteth in one thousand eight hundred  
~~square~~ 尺. Multiplying it by five,  
resulteth in nine thousand ~~square~~ 尺.

Dividing it by two, ~~we are~~ <sup>we are</sup> done.

南北: north-to-south, (it. south-to-north)  
枚: classifier, omitted in the English.

得乘術答枚欲今  
九之,曰:曰:問以有  
千得置四計甄屋  
尺一東千幾砌基,  
以千西五何之南  
二八六百凡北  
除百丈枚。積三  
之,尺以二丈,  
即以南尺東  
得五北用西  
乘三甄六  
之,丈五丈,

$$N = LW\rho$$

North  
-south  
East  
-West  
Number density

<sup>"dividing it by two ~~square~~ 尺"</sup>

Really it should say 以二尺除之; ~~since the~~  
in today's terminology the brick number density is  $\frac{5}{2R^2}$ ,  
so the total number required is

Ex. 3 丈:  $\frac{5}{2R^2} = 4500$  ~~the total number required is~~  
i.e.  $N = LW\rho$

Evidently they have not developed a complete notion of dimensional analysis.

~~N = LW\rho~~

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