A44 B157(154 C52198(2.23) D58 Vol. II 4 23 尺。丈尺一今 Now we have a canal to excavate, of length 問八六百有 twenty-nine I one hundred and four \$ upper width one thore sixt, lower width & R. J. 10 3 eight R, and depth one teight R. Over the 功秋下步。渠、 course of autumn, each man outputeth three hundred R. We ask: how many man's ouput 幾程廣上長 be needed? 何人八廣二 g: excavate; or bore 功尺,一十 A has 源 Am 頻. 三深丈九 页一二里 Bhas Ith for a interchauseable 除十九百丈百内街人,答 1) Moderation for SAD De ; admitting; 之,九百八六二零曰不曰: or taking in 即尺七十寸.十步,置盡三 2 : left even 得。六十五半四六里六萬 as in 是彈、 寸九尺乙,尺之,數十二 以萬四以并得以九十 人三寸。深场五三尺六 功千以乘下萬百六百 三五長之廣、二步寸。四 百百乘,得得干乘十 尺六分一二八之,五

Answer south: thirty two thousand, six hundred and torty five mons' output, remainder sixty-nine R six of

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Method saith: put down the number of \$\mathbb{E}\$. Multiplying it by three hundred \$\mathbb{E}\$, admitting the left over \$\mathbb{E}\$, and sextualing it, resulteth in fifty two that and, expet hundred and tworky four \$\mathbb{E}\$. Combining the upper and lower widths, resulteth in two \$\mathbb{E}\$ and multiplying it by the depth, resulteth in one hundred and eightly the \$\mathbb{E}\$ four \$\mathbb{F}\$. Multiplying by the longth, resulteth in nine million, seven hundred and ninety time thousand, five hundred and sixty-nine \$\mathbb{E}\$ and ninety time \$\mathbb{E}\$ thousand, five hundred and sixty-nine \$\mathbb{E}\$ and \$\mathbb{E}\$ the done.

a+b = 12.6R + 8R = 20.6R $a+b = 12.6R + 8R = 185.4R^2$ (note: test trads area as length etc.) a+b = 12.6R + 8R = 20.6R $a+b = 185.4R^2 \cdot 5284R$ $a+b = 185.4R^2 \cdot 5284R$ $a+b = 185.4R^3$ (differentials)

 $W = \frac{a+b}{2} \cdot hL \rightarrow R$ $= 9793569.6 R^{3} \div \frac{300 R^{3}}{4}$ $= 32645 A + 69.6 R^{3} \div \frac{300 R^{3}}{4}$