A58 B159(154) C52220(3.2) D70   Vol. III 卷2

今有丁一千五百萬，科出兵四十萬。問幾丁丁兵？

科出一兵？四十萬。

答曰：三十七丁五分。

術曰：實為實，置丁一千五百萬，以兵四十萬，即得四十萬。

為法。如法，

料：職人體格曰科第(?)
兵：squad
(select?)

Now there be fifteen million males, with four hundred thousand soldiers to be sent out thereof. We ask: from how many males select we one soldier?

~~Now there be fifteen million males, sent them out four hundred thousand soldiers to be sent out thereof. We ask: from how many males the soldier selected?~~

Answer saith: thirty-seven males and five tenths.

Method saith: put down the fifteen million males as the dividend, and use the four hundred thousand soldiers as the divisor. Taking the dividend as per the divisor, we are done.

~~15000000 / 400000~~   (Note: this is not an integer.)

$$\frac{15\,000\,000 \text{ males}}{40\,0000 \text{ soldiers}} = 37.5 \frac{\text{males}}{\text{soldier}}$$