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Now there be a woman washing
cups upon the river, and the officer
of the crossing asketh, saying,
"Why so many cups?" The woman
saith, "There be guests at mine
house." And the officer of the
crossing saith, "How many guests
be there?" The woman saith,
"Two people sharing rice,
three people sharing soup, and four people
sharing meat, in total use sixty-five cups.
Know we not how many guests there be?"

Answer saith: sixty people.
Method saith: put down the sixty-five cups.
Multiplying it by twelve, resulteth in seven hundred
and eighty. Dividing it by thirteen, we are done.

Supposing that the guests are n people,

$$65 = \frac{n}{2} + \frac{n}{3} + \frac{n}{4} = \frac{13}{12}n$$

$$n = \frac{65 \times 12}{13} = 60.$$

今有婦人河上盪杯，津吏問曰：「婦人何以盪杯多？」婦人曰：「家有客。」曰：「客幾何？」婦人曰：「二人共飯，三人共羹，四人共肉，凡用杯六十四。不知客幾何？」

c on hce 羹 for the last 杯

答曰：六十人。
術曰：置六十五杯，以一十二乘之，得七百八十，以一十三除之，即得。

B. hce 十二 for 十二

END 卷17