

A74 B162(157) C52295(3.27) D87

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Now there be beasts with six heads and four feet, and fowls with four heads and two feet, and there be seventy-six heads above, and there be forty-six feet below. We ask: how many be each of beast and fowl?

問六四今
禽首首有
獸下二獸
各有足六
幾四上首
何十有四
六七足
足十禽

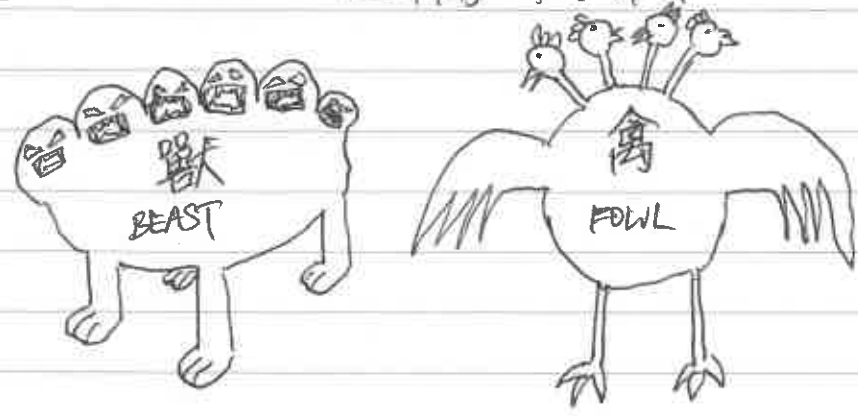
Heads: $6b + 4f = 76$
Feet: $4b + 2f = 46$
 $2 \times (\text{Feet}) - (\text{Heads}): 2b = 2 \times 46 - 76 = 16$
 $b = 8$

[Feet]: $2f = 46 - 4b = 46 - 4 \times 8 = 14$
 $f = 7$
B em. has 禽二首 或 禽四首
C em. has 問禽 和 問禽

Answer saith: eight beasts, and seven fowls.
Method saith: ~~double~~ the number of feet and diminish the number of heads by this; of the remainder, ~~halving it~~ it, ~~is~~ is the number of beasts. Multiplying the ~~number of~~ number of beasts by four and diminish the number of feet by this; of the remainder, halving it, it is the number of fowls.

減半術答
足之曰曰
餘即倍八
半獸足獸
之以以七
即四減禽
禽乘首
獸餘

C em. has the Anal 之即禽 before 即獸.



END 27