


Student 5: Low Achieved
 Intended for teacher use only

Vitamin E = e
Vitamin C = c
Vitamin A = a

Xena contains
 $2a + 3c + 5e$
Yum
 $4a + 7c + 9e$
Zany
 $5a + 10c + 14e$

$$\begin{aligned} \text{A} \quad & 2x + 4y + 5z = 1000 \\ \text{C} \quad & 3x + 7y + 10z = 1600 \\ \text{E} \quad & 5x + 9y + 14z = 2400 \end{aligned}$$

①

$$\begin{aligned} x &= 300 \text{ g} \\ y &= 100 \text{ g} \\ z &= 0 \text{ g} \end{aligned}$$

②