Problem 4.

	$\boldsymbol{\alpha}$
aempy	$= 1$
ynaoaempy	$= 2$
ylla	$= 3$
eser	$= 4$
tamp	$= 5$

	$\boldsymbol{\beta}$		$\boldsymbol{\gamma}$	
ptae	$= 6$	*or*	$= 36$	(6^2)
tarwmpao	$= 12$	*or*	$= 216$	(6^3)
ntamnao	$= 18$	*or*	$= 1296$	(6^4)
wramaekr	$= 24$	$\vdots$	$\vdots$	
ptae wramaekr	$= 30$			

- $\boxed{\boldsymbol{\alpha}\ \ \boldsymbol{\beta}} = \boldsymbol{\beta} + \boldsymbol{\alpha}$
- $\boxed{\boldsymbol{\gamma}\ \ \boldsymbol{\alpha}} = \boldsymbol{\alpha} \cdot \boldsymbol{\gamma} \quad (\boldsymbol{\alpha} > 1)$
- $\boldsymbol{\alpha}_4 \cdot 6^4 + \boldsymbol{\alpha}_3 \cdot 6^3 + \boldsymbol{\alpha}_2 \cdot 6^2 + \boldsymbol{\beta} + \boldsymbol{\alpha}_1 =$

  $\boxed{\textbf{[ntamnao } \boldsymbol{\alpha}_4\textbf{]}\ \textbf{[tarwmpao } \boldsymbol{\alpha}_3\textbf{]}\ [\boldsymbol{\alpha}_1]\ [\boldsymbol{\beta}]\ \textbf{[ptae } \boldsymbol{\alpha}_2\textbf{]}}$

(a) – **ynaoaempy ptae** $\implies 2 + 6 = 8$ *or* $2 + 36 = 38$ (**ptae** $= 6$ *or* 36)

– **[tarwmpao ynaoaempy] [ptae ynaoaempy]** $\implies 216 \cdot 2 + 36 \cdot 2 = 504$

or **[tarwmpao] [ynaoaempy] [ptae ynaoaempy]** $\implies 216 + 2 + 36 \cdot 2 = 290$

(b) (1) $215 - 22 = 193$ A $= 193 =$ **aempy tarwmpao ptae tamp**

(2) $111 + 105 = 216$ B $= 105 =$ **ylla ptae wramaekr ptae ynaoaempy**

(3) $54 \times 28 = 1314 + 198$ C $= 198 =$ **ntamnao ptae tamp**

(c) **tarwmpao ylla ptae** $216 + 3 + 6 = 225$

or $216 + 3 + 36 = 255$

or $216 \cdot 3 + 6 = 654$

or $216 \cdot 3 + 36 = 684$

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