2008 FI1.2

設 n 為正整數及 $\overbrace{20082008\cdots2008}^{n\text{個}2008}15$ 能被 15 整除。若 n 的最小可能值是

B，求 B 的值。

Let n be a positive integer and $\overbrace{20082008\cdots2008}^{n\,2008's}15$ is divisible by 15.

If the least possible value of n is B, find the value of B.

2011 FG4.3

設 n 及 $\dfrac{47}{5}\left(\dfrac{4}{47}+\dfrac{n}{141}\right)$ 為正整數。若 r 為 n 被 15 除的餘數，求 r 的最值。

Let n and $\dfrac{47}{5}\left(\dfrac{4}{47}+\dfrac{n}{141}\right)$ be positive integers.

If r is the remainder of n divided by 15, find the value of r.

Answers

2008 FI1.2	2011 FG4.3			
3	3			