Which of the following is the remainder of 
$$j^3 + j^2 + 2j + 1$$
 divided by  $j - 3$ 

$$(1) j^3 + (1) j^2 + (2) j + (1)$$

$$+((-3 j^2))$$
  
+  $(4) j^2$  +  $(2) j$  +  $(1)$ 

+(14)i