3.

Which of the following is the remainder of $-k^3+2\,k^2-2\,k+3$ divided by k+2

$$(-k^{3}) + (-2k^{2}) + (4)k^{2} + (-2)k + (3) + (4k^{2}) + (8k)$$

 $(-1) k^3 + (2) k^2 + (-2) k + (3)$

+(-10)k + (3)