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

 $+(-2 q^2) + (-2 q) + (1)$

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

 $+(-2)q^{2} + (1)q + (1)$

+ (1) q + (1)