Which of the following is the Quotient of
$$-3f^6 + 3f^5 + 9f^4 - 5f^3 - 5f^2 + 3f + 2$$
 divided by $(-f - 1)^2 (2 - f)$
$$+ (3f^3) + (-3f^2) + (2)$$

$$(-f - 1)^2 (2 - f) + (3)f^5 + (9)f^4 + (-5)f^3 + (-5)f^2 + (3)f + (2)$$

$$(-3f^6) + (9f^4) + (6f^3) + (-11)f^3 + (-5)f^2 + (3)f + (2)$$

$$+ (3f^5) + (-11)f^3 + (-5)f^2 + (3)f + (2)$$

$$+ (-9f^3) + (-6f^2) + (-9f^3) + (-6f^2) + (-2)f^3 + (1)f^2 + (3)f + (2)$$

$$+ (-2f^3) + (-2f^3) + (-2f^3) + (-3f^3) + (-2f^3) + (-2$$

 $\{3, -3, 0, 2\}$