Which of the following is the Quotient of –3 m^6 – 12 m^5 – 9 m^4 + 10 m^3 + 8 m^2 + 4 divided by (–m – 1) m^2 $+(-9) m^5 + (-9) m^4 + (10) m^3 + (8) m^2 + (4)$

 $+ (-2 m^2)$

$$+((-9 m^5)) + ((-9 m^4))$$

 $+(10) m^3 + (8) m^2 + (4)$
 $+((10 m^3)) + ((10 m^2))$

Coefficient list: $\{3, 9, 0, -10\}$