(1) Query: The inverse of -i in the multiplicative group, $\{1, -1, i, -i\}$ is

Options: 1, -1, i, -i

Answer: i

(2) Query: Find the degree for the given field extension Q(sqrt(2),

sqrt(3), sqrt(18)) over Q.

Options: 0, 4, 2, 6

Answer: 4

(3) Query: Find the order of the factor group $(Z_11 \times Z_15)/(<1, 1>)$

Options: 1, 2, 5, 11

Answer: 1