

Q3

1. $Z = -1 + 2i$ $W = 2 + 4i$

$2Z + W = -2 + 2 + 4i + 4i$

$2Z + W = 8i$

2. $ZW = (-1 + 2i) \times (2 + 4i)$
 $(4i + 2i) \times (2 - 1)$

$ZW = 6i \times 1$

~~3. $Z = -1 + 2i$~~

~~$W = 2 + 4i$~~

3. $\frac{Z}{W} = \frac{-1 + 2i}{2 + 4i}$