Comp Arc HW3

3.
$$(2.3125_{10} + 0110_{12Q2} = 11110001_{14Q3}]$$
 $0110_{12Q2} = 7.5$ $1/16 = 0.0625$ $(0.0625)(5) = 0.3125$ $12.3125_{10} = 1100_{10}$ $0.3125 = .101$ $12.3125_{10} = 1100_{10}$ $14Q3$

4.
$$5.75_{10} - 7.125_{10} = -1.375_{10}$$

$$\frac{5.15}{-7.125} = -5.75$$

$$\frac{-7.125}{-6.25} = 1.375$$

de-

$$6. \quad (-5)_{10} \cdot (-6)_{16} = |30_{10}|$$

$$-6_{16} = -6_{10}$$

7.
$$9.5_{10} - 2.625_{10} = 124.9375_{10}$$

$$4.3$$

$$4.5$$

$$\times 2.625$$

$$47.5$$

$$19.5$$

$$19.5$$

$$24.9375$$