Submitting HW Tips

HW # 5

1 Page 108: # **2.1(g), 2.3(a), 2.7**.

2 **TRUE or FALSE** Question: Page 122: # **2.13**.

3 Find a basis and the dimension for these subspaces:

(a) $\mathcal{W} = \left\{ \begin{bmatrix} x & y & z \end{bmatrix} \in \mathbb{R}_3 \ : \ x - 2y + 3z = 0 \right\}$

(b) $\mathcal{W} = \left\{ p(x) = a + bx + cx^2 + dx^3 \in \mathcal{P}_3 : \ p(0) + p(1) = 0 \right\}$

4 Page 124: # **2.39**.