

Math 54 Quiz 2
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1. Find the solution set.

$$\begin{array}{ccccccccc} 4x & + & y & + & 2z & - & w & = & 0 \\ 8x & - & 2y & + & z & & & = & 0 \\ -4x & & & - & z & + & 3w & = & 0 \end{array}$$