Exercise 7:
In the xy plane mark all nine of these linear combinations:

$$c \begin{bmatrix} 2 \\ 1 \end{bmatrix} + d \begin{bmatrix} 0 \\ 1 \end{bmatrix}$$

with $c = 0, 1, 2$ and $d = 0, 1, 2$.

$$(v + w) + (v - w) = v + w + v - w = 2v$$