

1. Calculate $\langle 1, -4 \rangle + (1, 3)$.
2. The vector V moves the point $(-2, 4)$ to $(-1, 2)$. Calculate $V + (0, 3)$.
3. Sketch $\langle 2, 3 \rangle + \text{pow}_2$ and find an equation that describes the points in this new function.
4. Sketch $\langle -2, -3 \rangle + \text{pow}_2$ and find an equation that describes the points in this new function.