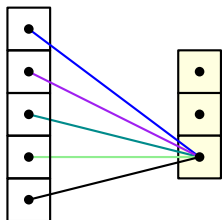
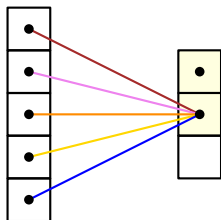
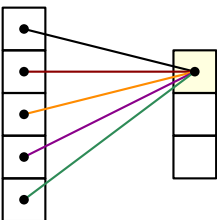
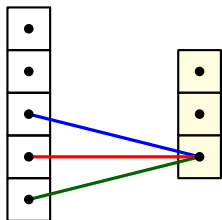
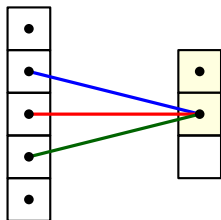
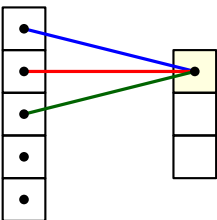


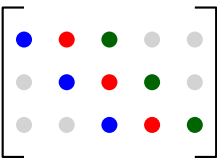
Linear layer (fully-connected): $\mathbb{R}^5 \rightarrow \mathbb{R}^3$



1D Convolution (Stride: 1, Kernel size: 3): $\mathbb{R}^5 \rightarrow \mathbb{R}^3$



Weights are **shared**



corresponding weight matrix for a linear layer