

$$f(t) * g(t) = \int_{-\infty}^{+\infty} f(\tau)g(t - \tau)d\tau$$

Create a single diagram or animation that visually communicates the meaning of a convolution. The goal is to make the meaning of a convolution intuitive to a high school student. Do this using graphics and visualizations instead of text and equations. You may only use text or equations for simple labels of elements in your diagram. You may NOT use text or equations to explain anything. Generate all your own content. Do not copy/paste anything from any other source including the internet, the literature, or other people. You may certainly use other resources to research or to gain inspiration for your diagram.