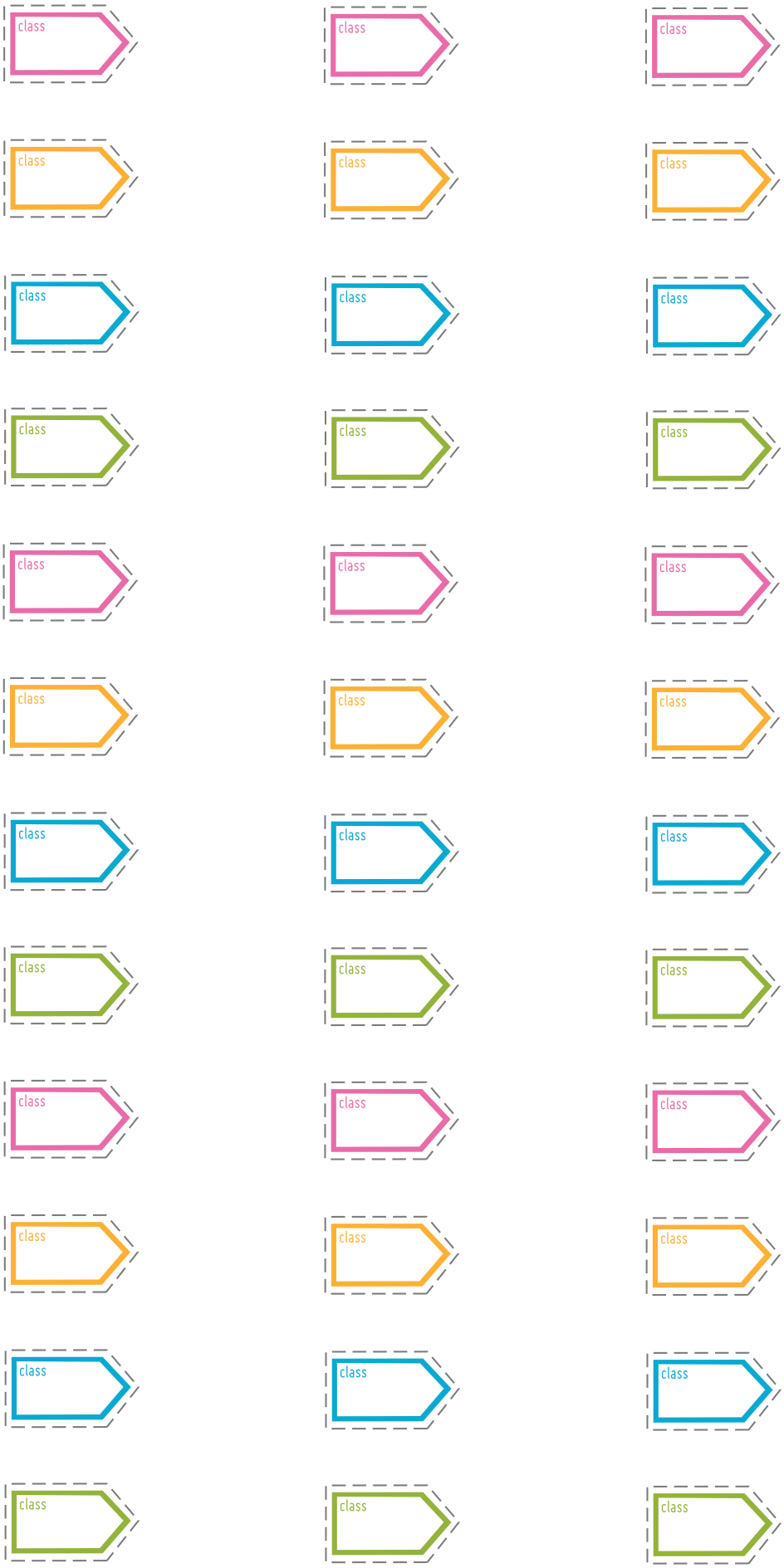cut along the dotted lines