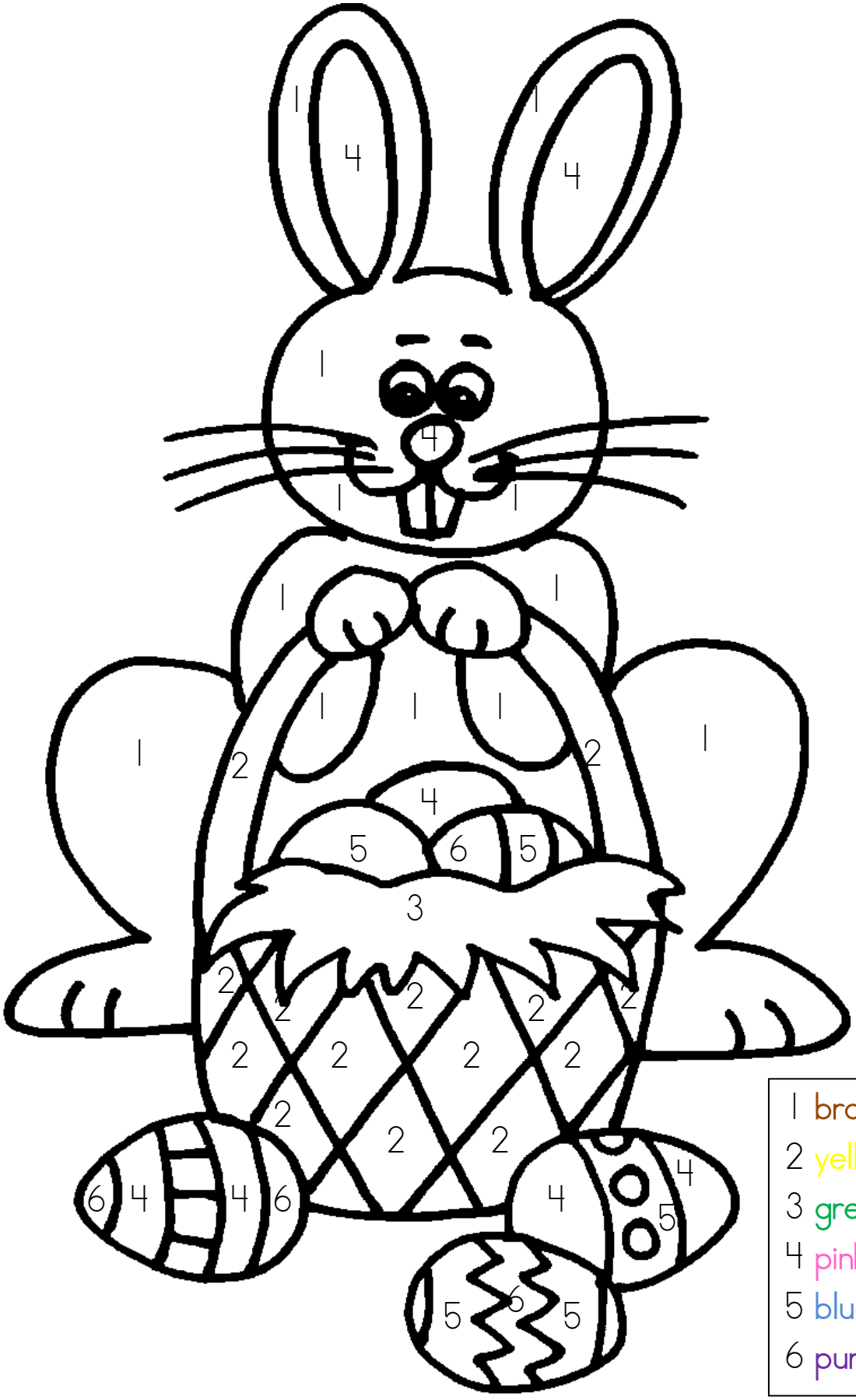Color by Number (hard)