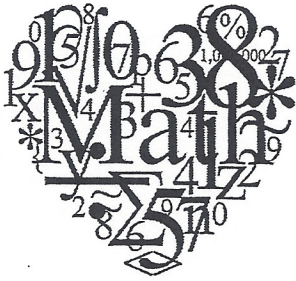# REFRESH

Alice made 48 cupcakes. She frosted $\frac{1}{2}$ of the cupcakes. She put sprinkles on 1/3 of the frosted cupcakes. Then she ate $\frac{1}{4}$ of the frosted cupcakes that had sprinkles. What is the total number of cupcakes that Alice ate?