



$$7 \cdot C \cdot \left(\frac{n}{2^1}\right)^2$$

$$7^2 \cdot C \cdot \left(\frac{n}{2^2}\right)^2$$

Total: $C \sum_{i=0}^{\log_2 n} 7^i \cdot \frac{n^2}{4^i} = C \cdot n^2 \cdot \sum_{i=0}^{\log_2 n} \left(\frac{7}{4}\right)^i$

$$\leq C \cdot n^2 \cdot \left(\frac{7}{4}\right)^{\log_2 n} = C \cdot n^{2 + \log_2 \left(\frac{7}{4}\right)} = C \cdot n^{2.807}$$