$$\overset{y}{\urcorner} = \prod_j y \barwedge b_j$$

$$y_1 \overset{y}{\underline{\urcorner}} = \sum_{j_1} y_1 \barwedge b_{j_1} \prod_{j \neq j_1} y \barwedge b_j$$

$$\frac{y_1 \overset{y}{\underline{\urcorner}}}{\overset{y}{\urcorner}} = \sum_{j_1} \frac{y_1 \barwedge b_{j_1}}{y \barwedge b_{j_1}}$$

$$y_2 y_1 \overset{y}{\underline{\underline{\urcorner}}} = \sum_{j_1} y_1 \barwedge b_{j_1} \sum_{j_2 \neq j_1} y_2 \barwedge b_{j_2} \prod_{j \neq j_1 : j_2} y \barwedge b_j = \sum_{j_1 \neq j_2} y_1 \barwedge b_{j_1} y_2 \barwedge b_{j_2} \prod_{j \neq j_1 : j_2} y \barwedge b_j$$

$$\frac{y_2 y_1 \overset{y}{\underline{\underline{\urcorner}}}}{\overset{y}{\urcorner}} = \sum_{j_1 \neq j_2} \frac{y_1 \barwedge b_{j_1}}{y \barwedge b_{j_1}} \frac{y_2 \barwedge b_{j_2}}{y \barwedge b_{j_2}}$$

$$y_k \cdots y_1 \overset{y}{\underline{\urcorner}}_k = \sum_{j_1 \vdots \cdots \vdots j_k}^{\text{dist}} y_1 \barwedge b_{j_1} \cdots y_2 \barwedge b_{j_k} \prod_{j \neq j_1 \vdots \cdots \vdots j_k} y \barwedge b_j$$

$$\frac{y_k \cdots y_1 \overset{y}{\underline{\urcorner}}_k}{\overset{y}{\urcorner}} = \sum_{j_1 \vdots \cdots j_k}^{\text{dist}} \frac{y_1 \barwedge b_{j_1}}{y \barwedge b_{j_1}} \cdots \frac{y_2 \barwedge b_{j_k}}{y \barwedge b_{j_k}}$$