

$$\begin{aligned}
& [a, b] \\
& \left[\frac{1}{2}, \frac{3}{4} \right] \\
& \left[\frac{1}{2}, \frac{3}{4} \right. \\
& \left. \left[\frac{1}{2}, \frac{3}{4} \right] \right] \\
& \left[\frac{1}{2}, \frac{3}{4} \right. \\
& \left. \left[\frac{1}{2}, \frac{3}{4} \right] \right] \\
& \left[\frac{1}{2}, \frac{3}{4} \right] \left[\frac{1}{2}, \frac{3}{4} \right] \left[\left[\frac{1}{2}, \frac{3}{4} \right] \right] \left[\left[\frac{1}{2}, \frac{3}{4} \right] \right] [a, b] \times [c, d] \times [e, f] \\
& [a, b] \cap [c, d] \cap [e, f] \\
& [a, b] \cup [c, d] \cup [e, f] \\
& a \leq x \leq b \\
& a \leqslant y \leqslant b \\
& a \leq x < b \\
& a < x \leq b \\
& a < x < b
\end{aligned}$$