

| | | | | | | | | |
|---------|-----|------|------|------|------|------|------|------|
| \cdot | 1 | i | j | k | -1 | $-i$ | $-j$ | $-k$ |
| 1 | 1 | i | j | k | | | | |
| i | i | -1 | k | $-j$ | | | | |
| j | j | $-k$ | -1 | i | | | | |
| k | k | j | $-i$ | -1 | | | | |
| -1 | | | | | | | | |
| $-i$ | | | | | | | | |
| $-j$ | | | | | | | | |
| $-k$ | | | | | | | | |