

$${}^p\mathbb{F}_p \times {}^q\mathbb{F}_q \cong {}^{p+q}\mathbb{F}_{p+q}$$

$$\mathbb{D}_p \times \mathbb{D}_q \cong \mathbb{D}_{p+q}$$

$${}^{p+q}\mathbb{C}_{p+q} / {}^p\mathbb{C}_p \times {}^q\mathbb{C}_q$$

$${}^{p+q}\mathbb{H}_{p+q} / {}^p\mathbb{H}_p \times {}^q\mathbb{H}_q$$