

$$[\mathbb{D}_n^v] \odot [\mathbb{D}_m \oplus \mathbb{Z}_2^c]$$

n even

n odd or m even
or m odd

$$[\mathbf{1}], [\mathbb{Z}_2], [\mathbb{Z}_d]$$

$$[\mathbb{Z}_2^{b_i-}], [\mathbb{D}_d^v]$$

$$[\mathbf{1}], [\mathbb{Z}_2]$$

$$[\mathbb{Z}_2^{b_i-}], [\mathbb{D}_d^v]$$