

time cost = 6 sec

Config

 $\bullet (\overrightarrow{\iota}, \overleftarrow{\iota}) = (+8 \ \blacksquare, +8 \ \blacksquare)$   $\bullet (\overrightarrow{a_b}, \overleftarrow{a_r}, \overrightarrow{m}) = (+2 \ \blacksquare, +2 \ \blacksquare, +2 \ \blacksquare)$