0. Player 1, 2, 3 view the cake as follows:

Use lone dividers to cut the cake fairly.

A cuts from the left with 5 blocks in each piece. Let the pieces be \( X, Y, Z \) (from left to right).

2 and 3 disapprove of \( X \) and \( Y \).

So 1 picks (say) \( X \).

Then 2 and 3 combine \( Y \) and \( Z \) and use divide and choose to allocate it among themselves, with 2 as divider.

Hence 3 picks the right piece (worth 7 to him)

and 2 picks the left piece (worth 6 to him).
A and B want to cut the fence and divide up their work. They see the fence as shown below.

If A is the divider, how should they split the work?

Sol: A cuts as follows:

B would pick this because it's less work and the rest goes to A.