

④

$m = 3$

Apple, Grapes, Orange, kiwi, Avocado, cherry, pear, orange, guava

apple

apple grapes

apple

grapes

apple grapes orange

grapes orange

apple

grapes

kiwi orange

grapes kiwi

apple

grapes

kiwi orange

grapes kiwi

apple avocado

grapes

kiwi orange

grapes

avocado

kiwi

apple

avocado cherry

grapes

kiwi orange

