

## Homework 2

1. In the twin-tree economy, the production and consumption of apples and oranges are as follows,

Year	Apple		Orange	
	Production	Consumption	Production	Consumption
2016	25	20	15	12
2015	20	15	10	8

Note that the differences between “Production” and “Consumption” are exported. And the market prices for apples and oranges are:

Year	Apple	Orange
2016	6	3
2015	5	2

- (1) Compute the real GDP growth of the economy using prices in 2015. And compute the real GDP growth using prices in 2016.
- (2) Compute the CPI for 2016 using 2015 as the base year (let the CPI of 2015 be 100).
- (3) Compute the GDP deflator for 2016, using the 2015 price (let the GDP deflator of 2015 be 100).

- 2 下载 M1 和 M2 月度数据（国家统计局网站或其他数据库）。（a）计算同比变化并画图；（b）计算两者之间的差（即“M1-M2 剪刀差”），尝试解读 M1-M2 剪刀差的经济含义。