**Chapter 8 Index Questions**

8.1 In an index calculated based on 1993, 1996 was 113.1, 1997 was 116.3, and 1998 was 121.2. Based on the year 1997, find the index values ​​of 1996 and 1998.

8.3 Using the information below, find what fraction of the real wage of 1994 is the real wage of 1987 and interpret it.

|  |  |  |
| --- | --- | --- |
| **Yıl** | **Minumum Wage (TL)** | **Chain Price Index** |
| **1987** | 74250 | - |
| **1988** | 126000 | 173.7 |
| **1989** | 225000 | 163.3 |
| **1990** | 414000 | 160.3 |
| **1991** | 801000 | 166.0 |
| **1992** | 1449000 | 170.1 |
| **1993** | 2497500 | 166.1 |
| **1994** | 4173750 | 206.3 |

Source: *Petrol-İş Yıllığı*, 93-94, S.236.

* 1. According to the following chain index data, tell which city has increased the prices faster in the last three years.

|  |  |  |
| --- | --- | --- |
| **Year** | **City A** | **City B** |
| **1997** | 201 | 209 |
| **1998** | 140 | 136 |
| **1999** | 150 | 149 |

8. 13.

**Prices**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Meet** | **Milk** | **Bread** |
| 2020 | 70 | 10 | 3 |
| 2021 | 135 | 20 | 5 |
| 2022 | 300 | 40 | 10 |

**Quantities**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Meet | Milk | Bread |
| 2020 | 6 | 20 | 30 |
| 2021 | 5 | 18 | 15 |
| 2022 | 4 | 15 | 40 |

Based on the data of the table above, based on the year 2020,

1. Laspeyres price index,
2. Paasche price index,
3. Calculate the Fisher price index.