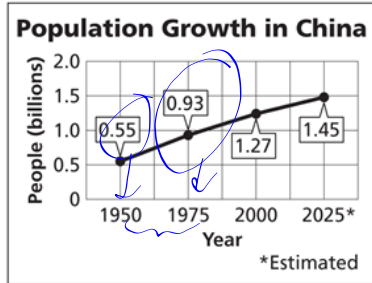
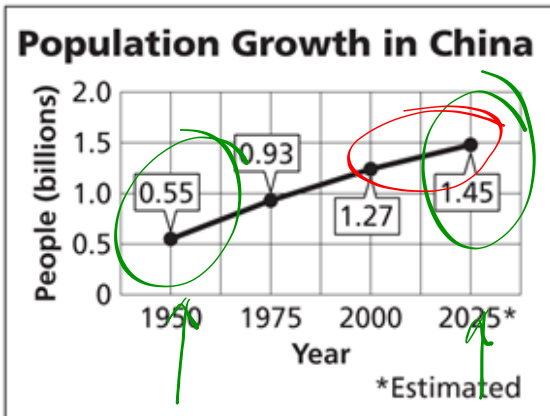


Warm Up

1. Find the rate of change for 1950-1975.
Interpret the meaning of the rate of change in this case.
2. What was the *average* rate of change from 1950 to 2025?
3. During which time period did the population increase the **slowest**? How do you know?



$$m = \frac{.93 - .55}{1975 - 1950} = \frac{.38 \text{ people}}{25 \text{ years}} = .0152$$
 "Each year between 1950 and 1975, China's population increased by .0152 billion people."



$$1.45 - 1.27$$

$$\frac{1.45 - .55}{2025 - 1950} = \frac{.9}{75} = 0.012$$

- On average
 - per year
 - between 1950 & 2025...