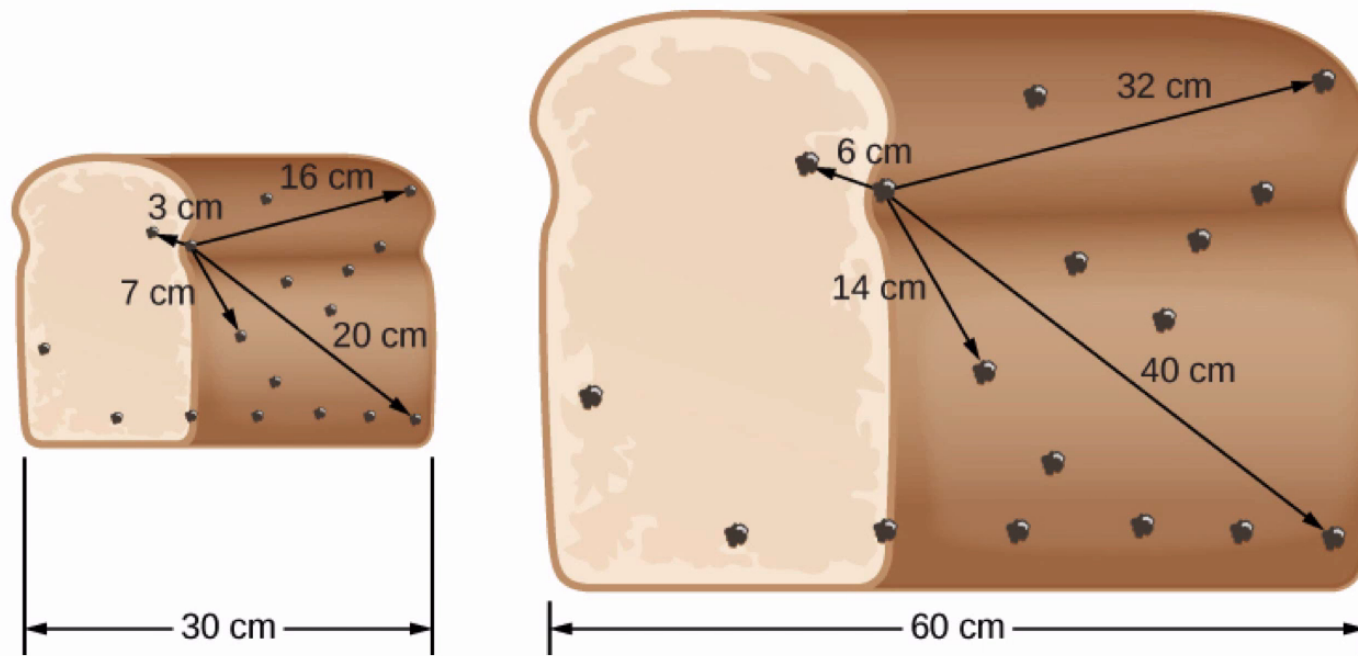
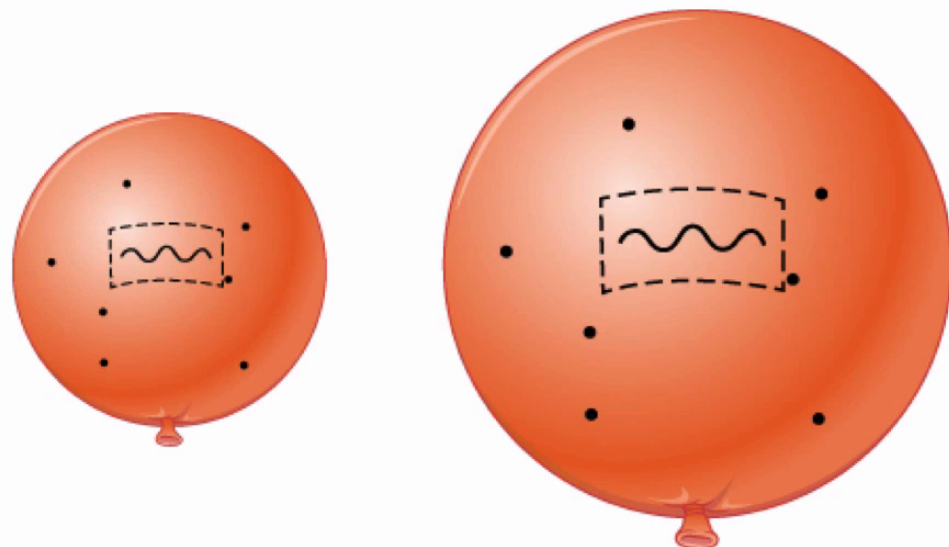


Models of the Universe

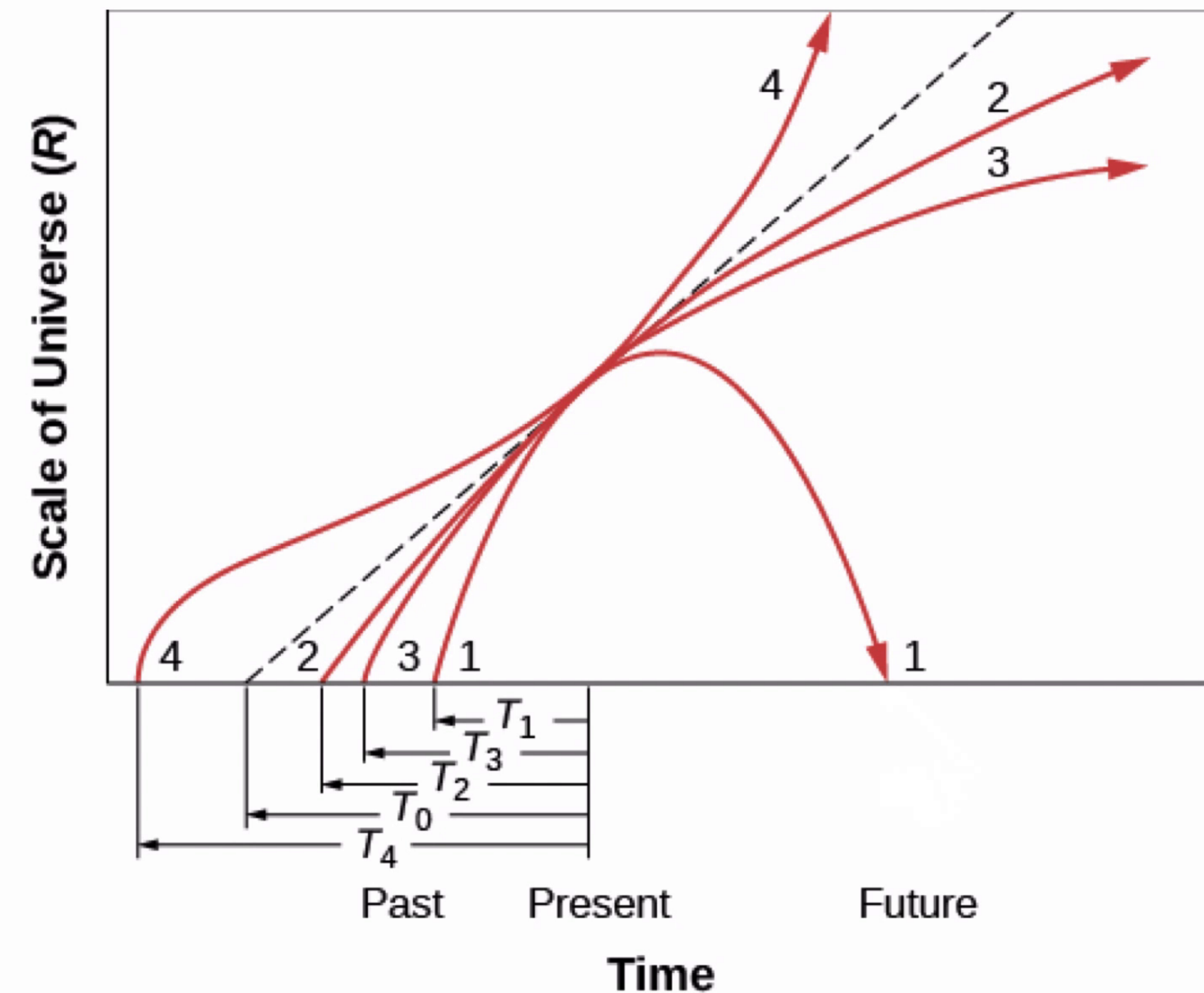
- 1** The expansion of the Universe is best viewed as an increase in the space between galaxies



- 2** The redshift of galaxies arises not because they are actually moving, but because their light has been stretched to longer wavelengths



- 3** The amount of matter in the Universe determines its fate: eventual collapse (1) or continued expansion (2,3, 4)



- 4** Our Universe is most like (4) above: because there is relatively little matter, and because of dark energy, it will expand forever