

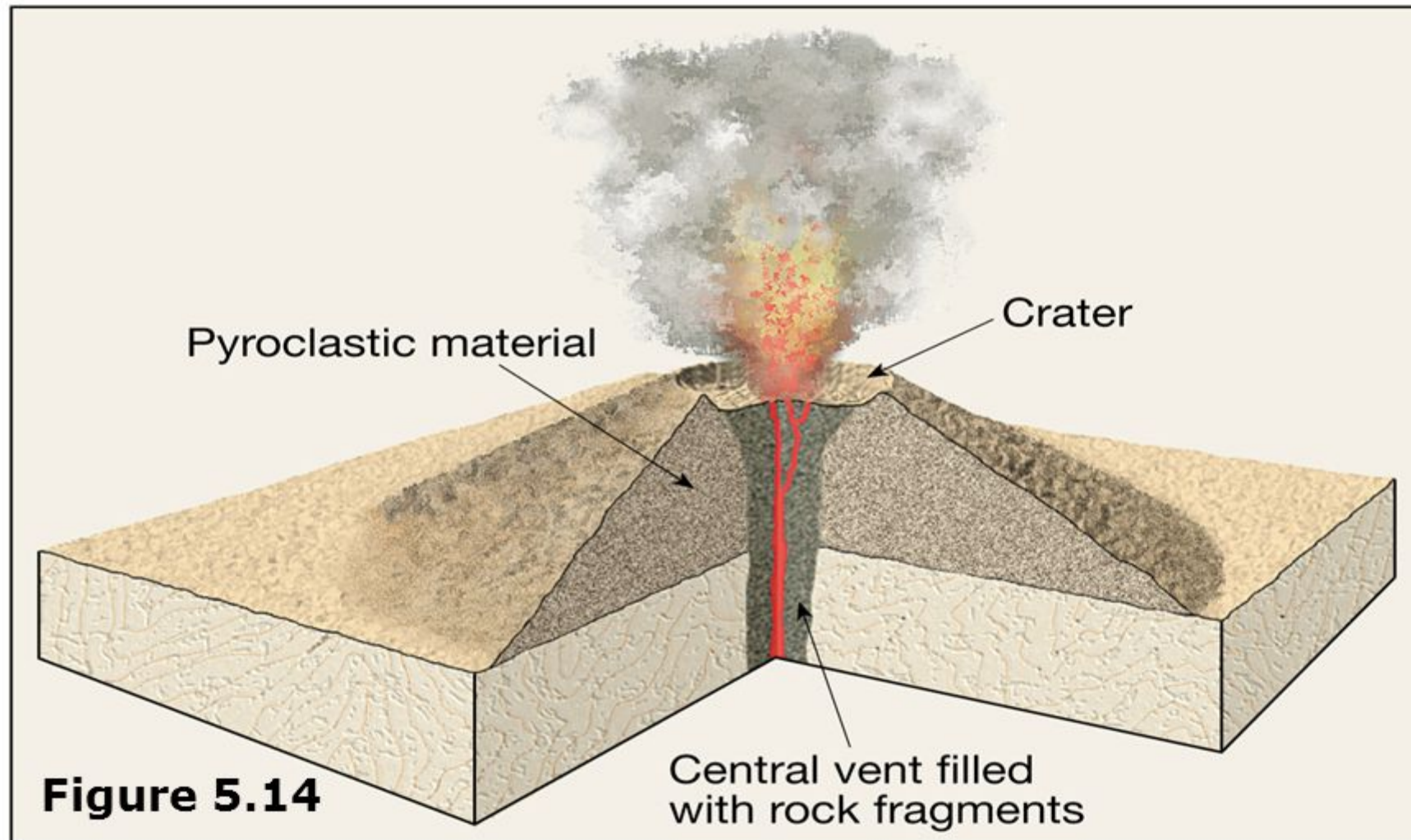
Types of Volcanoes

Sizes and Shape

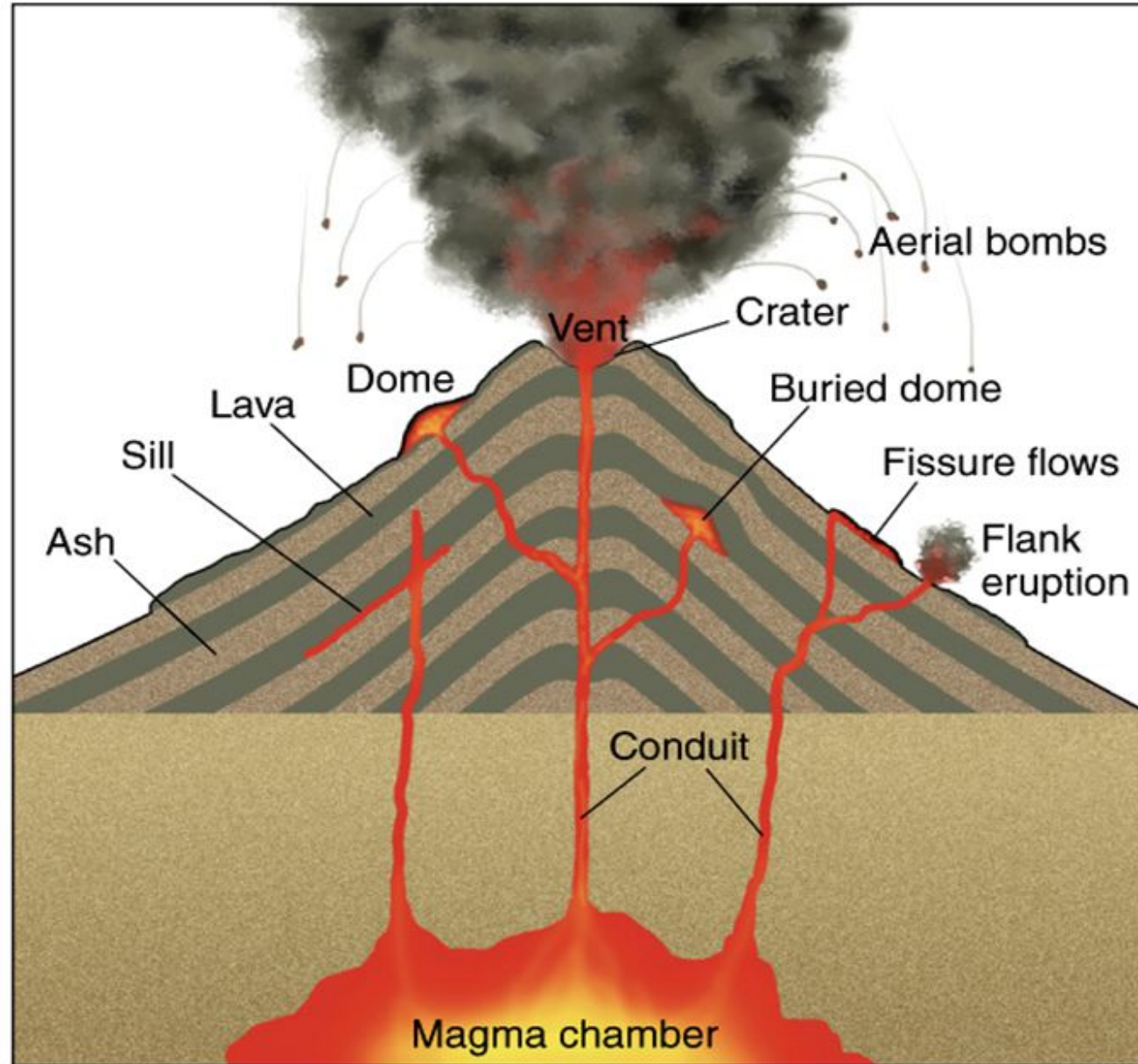
- Shield volcanoes are by far the largest, and cinder-cone volcanoes are the smallest.
- Cinder-cone volcanoes have the steepest slopes, while shield volcanoes have the gentlest slopes.
- The slopes of cinder-cone and composite volcanoes are concave, and the slopes of shield volcanoes are straight.



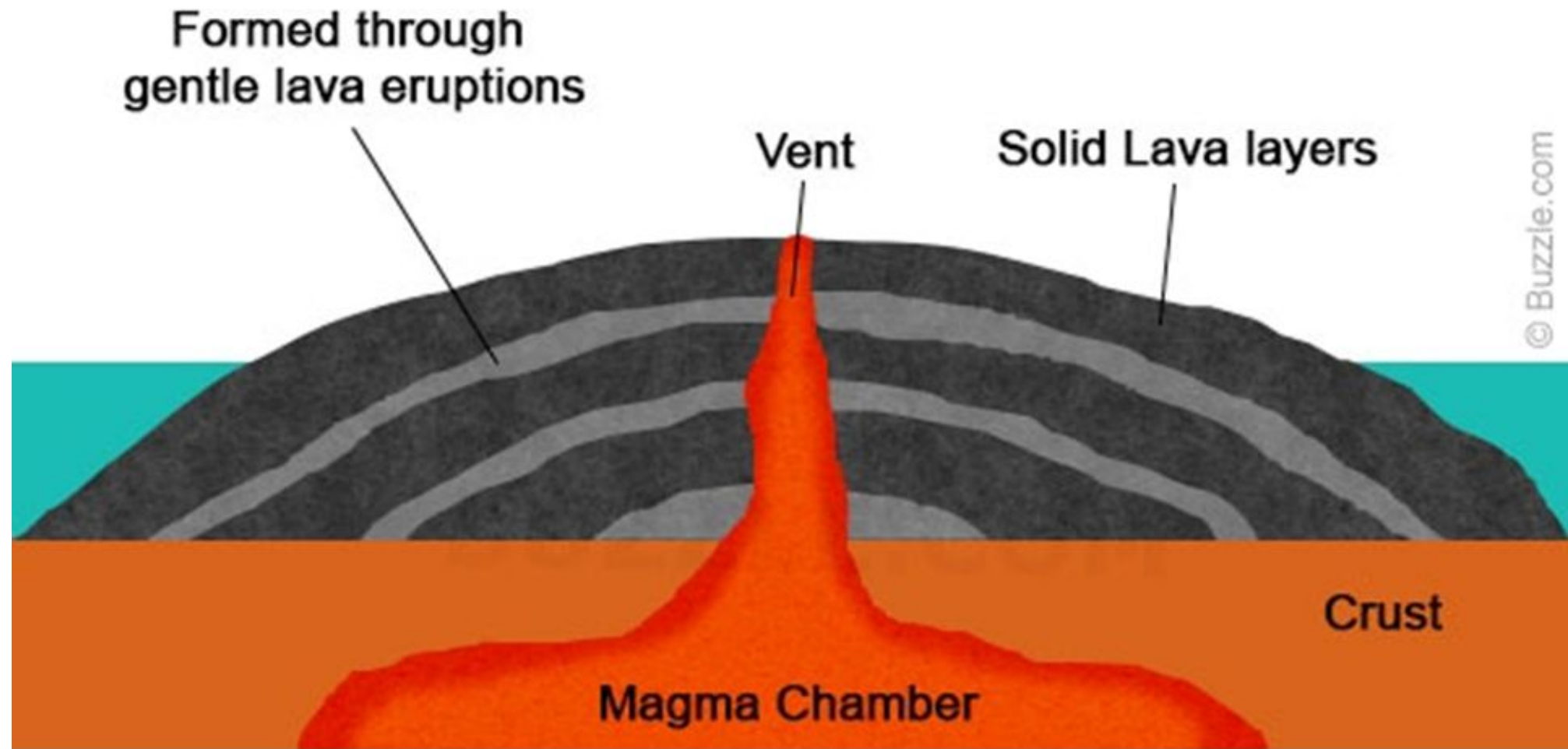
Cinder cone volcano



Composite volcano



The Anatomy of a Shield Volcano


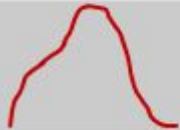



Bellwork

Ch 18-Volcanic Activity

Compare/Contrast- Types of Volcanoes

Directions- Open your binder to the bellwork section and complete the table. (Textbook p480)

	Shield	Cinder-Cone	Composite
Drawing			
Shape	Wide, kind of flat	Steep sides, small volcano	Large, wider
Type of Eruptions	quiet	More explosive than shield	violent
Low/High Gas content	low	Higher than shield	High
Low/High Silica content	low	More silica & water than shield	High silica, water
Low/High Viscosity	low	Higher than shield	Very high