

Magma vs. Lava (Cloze Notes)

- Both magma and lava are _____ (melted), liquid rock.
- **Magma:** molten rock from the _____ (underground)
- **Lava:** molten rock erupted onto the _____

Viscosity

- **Viscosity:** a liquid's _____ to _____
- **High viscosity** (“_____”): liquid flows _____
- **Low viscosity** (“_____”): liquid flows _____

Basic Lava Types

- **Pahoehoe:** _____ viscosity, _____ moving, “_____” lava. Texture of cooled lava rock is _____ and _____
- **Aa (Ah-ah):** _____ viscosity, _____ moving, “_____” lava. Texture of cooled lava rock is _____.

Basic Magma Types

Magma	Physical Characteristics	Chemical Characteristics	Eruption
_____ (Basaltic) cools into basalt rock	_____ temperature _____ density _____ viscosity	_____ silica content _____ water content	_____ (gentle) forms _____ volcanoes
_____ (Rhyolitic) cools into rhyolite rock	_____ temperature _____ density _____ viscosity	_____ silica content _____ water content	_____ forms _____ volcanoes