

DEFINING SUBSTANCES

A hand-drawn diagram on lined paper showing a T-shaped structure. The vertical stem of the T is labeled 'vertical' at the top and 'horizontal' at the bottom. The horizontal bar of the T is labeled 'horizontal' at its left end and 'vertical' at its right end. There are also some smaller, less legible labels like 'vertical' and 'horizontal' scattered around the main structure.

~~less~~ energy needed to break than released when made. \rightarrow EXOTHERMIC.

Melt energy to break than melt \rightarrow ENDOTHERMIC

reduces supplies hydraulics / sediment losses. Hard water passes through resin that column + magnesium ions are replaced by hydrogen / sodium ions

Hardness \rightarrow Add sodium carbonate solution (washing soda).
Add sodium carbonate solution which then precipitate out of solution.