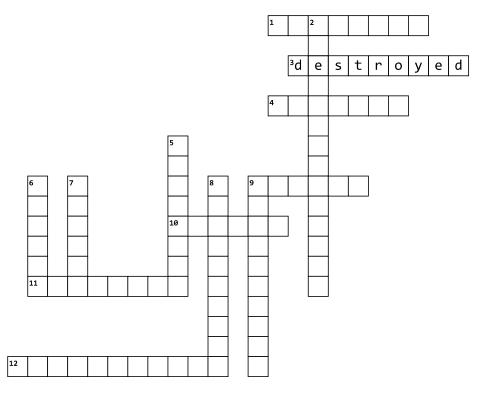
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## Across

- 1. The amount of energy (or heat) a mass of substance holds (begins with  ${\sf F}$ )
- 3. The 1st law of physics "Energy cannot be created or ------
- 4. Common name for NH3
- ${\bf 9.}$  This cycle states that maximum efficiency of a heat engine depends on its input and output temperature
- 10. The name for heat added to melt ice or boil the fluid
- 11. The name for heat added to raise the temperature of a boiling fluid

## Down

- 2. The study of heat movement
- **5.** The lowest theoretical temperature is known as ----- Zero-
- 6. Unit of measurement of energy
- 7. The absolute temperature scale
- $\boldsymbol{8.}$  This curve defines the boundary of pure liquid and pure gas or vapour on a chart
- 9. A method of heat transfer. Usually through a solid material.