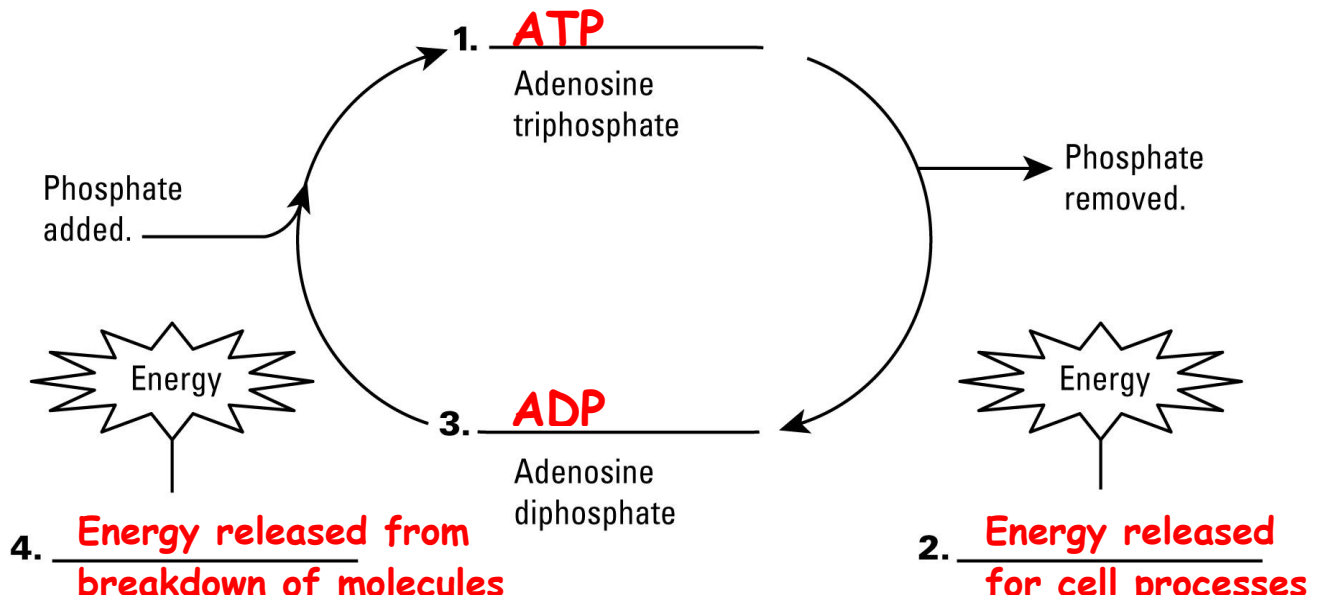


Power Notes 4.1: Chemical Energy and ATP



Molecule Type	Energy	Details
5. Carbohydrate	4 cal/mg 36 ATP from glucose	Most common molecule broken down to make ATP
6. Lipid	9 cal/mg 146 ATP from triglyceride	Stores most of the energy in people
7. Protein	4 cal/mg	Infrequently broken down by cells to make ATP

Chemosynthesis is:

The process through which some organisms use chemicals from the environment (rather than light energy) as a source of energy to build carbon-based molecules