

ATP

ATP = Adenosine Triphosphate

1.

a.

b.

2.

a.

b.



Bond breaks →

ATP → ADP +

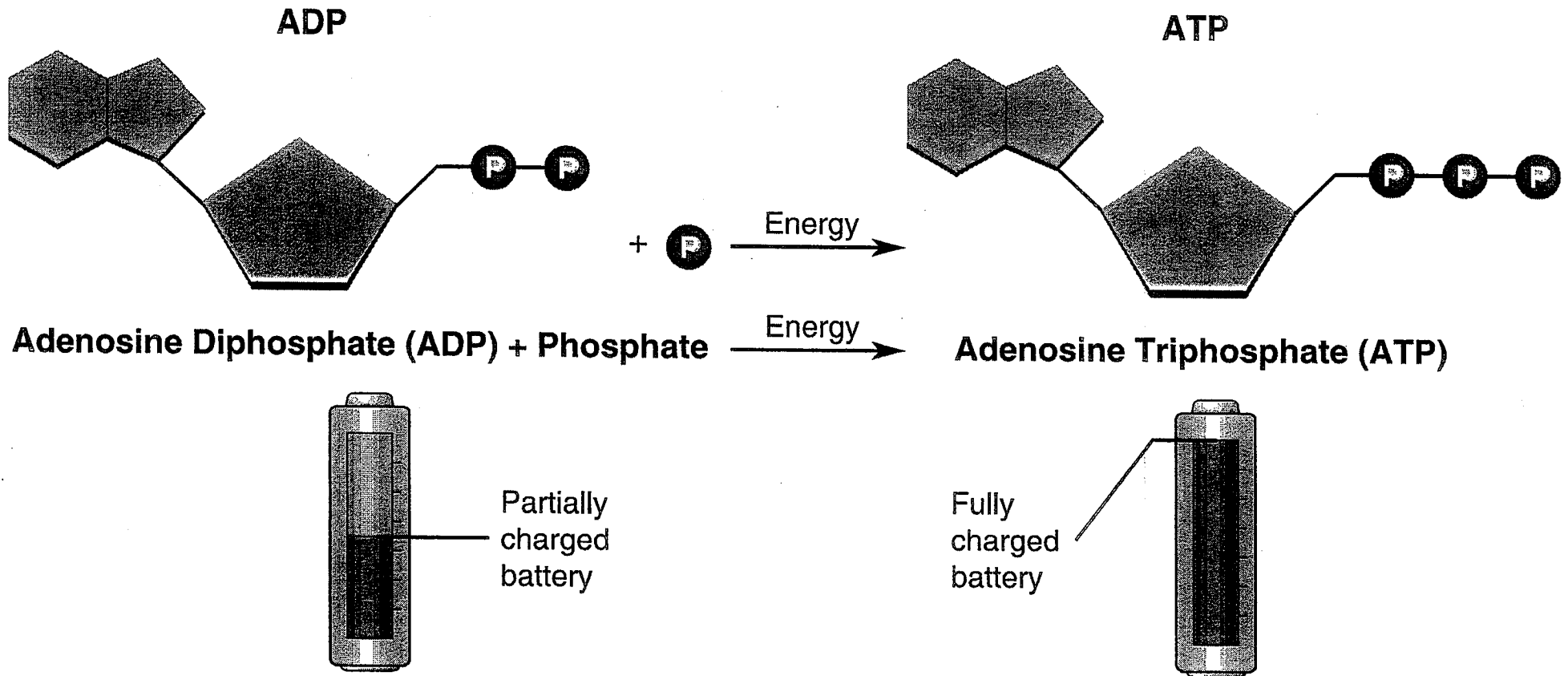


Cells convert _____ into _____
by using _____
in the _____

As a byproduct cells release

Cellular Respiration Formula

* opposite of



ADP vs. ATP ATP can be compared to a fully charged battery because both contain stored energy, whereas ADP resembles a partially charged battery. **Predicting** *What happens when a phosphate group is removed from ATP?*