

Class Amphibia has three orders

Anura (_____ and toads)

Urodela (salamanders and
_____)

Apoda (caecilians)

Today's Amphibians Share Five Key Characteristics

1. _____ - an adaptation for living on land
2. Lungs- _____ amphibians have gills, most _____ use lungs
3. Double-loop _____

4. Partially divided heart- the atrium is divided into _____ and right sides, but the _____ is not

5. Cutaneous respiration- supplement _____ intake by taking in air through their _____ skin This limits to maximum size of the _____ because it needs a high skin surface to _____ volume ratio

Lungs- internal, baglike respiratory organ that allows _____ exchange between the air and the blood stream. The larger the _____ area the more oxygen absorbed

Double-loop circulation- the
advantage is that oxygen rich _____
can be pumped to the tissues at a
higher _____

Look at figure 34-13 in book

Heart- the oxygen rich and oxygen poor blood enter _____ and septum keeps in them separate in the _____.

The blood is together in the ventricle though so why does it not completely mix?