

Class Amphibia has three orders
Anura (_____ and toads)
Urodela (salamanders and
_____)
Apoda (caecilians)

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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 _____

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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

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

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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

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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?

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