

U-7 L-3

How Do Animals Grow Back Lost Parts?

► regeneration

- power to replace lost parts

- lizards' tails
- lobsters & crabs' claws
- starfish

- arms

- entire body from arm

- ▲ asexual reproduction

- planarian (flatworm)

- each of 2 to 4 pieces produce worm!

- human

- only repair - not regenerate parts

- stem cells

- ▲ able to grow into variety of tissues

- ▲ in future, may use to regenerate organs