

Aim: What are the types of asexual reproduction?

**Do Now: Study for Quiz!
Foldables!**

Oct 5

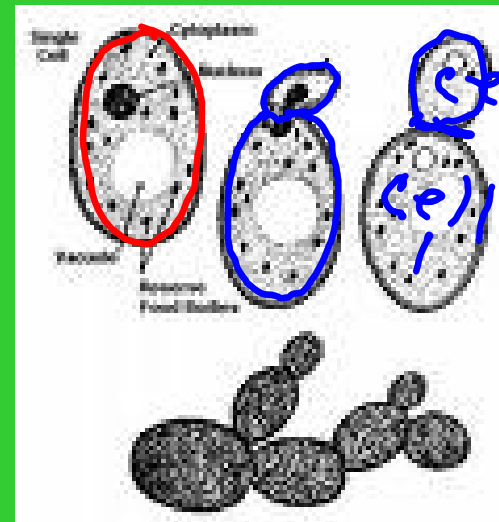
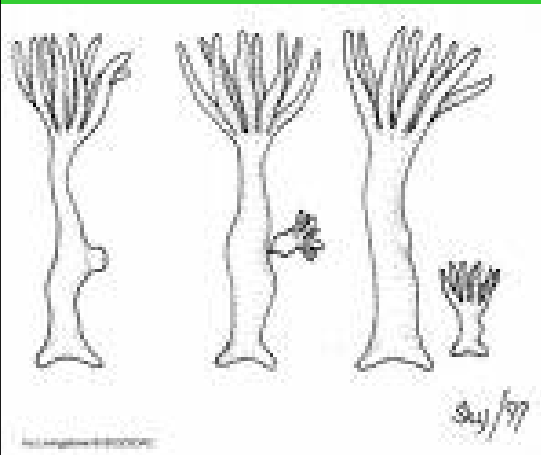
Homework

Test Friday
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Types of Asexual Reproduction

1. Budding

- asexual reproduction in which the new individual arises from a cell that initially forms a growth or bud on the parental body.



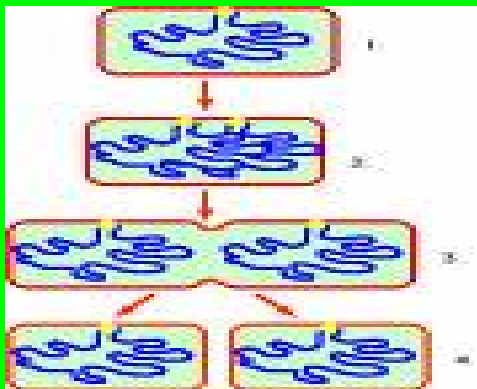
2. Regeneration

- an animal that is capable of regeneration loses a body part,-
- can grow a replacement part
- if the lost body part contains enough genetic information from the parent, it can regenerate into an entirely new organism.



Binary Fission

- a single- celled organism reproduces its DNA and then splits in half
- daughter cells identical to parent cells genetically



Aim: What are the Benefits of asexual reproduction?

Do Now: How many parents are involved in asexual reproduction?

Homework

Write draft 1 of Essay

Narrative essay that explains the process of mitosis.

- Intro - mitosis is
- Prophase is the 1st
- the next 2 phases

Benefits

Asexual	Sexual
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- 1 parent
- no partner needed
- reproduction rate quicker
- no special conditions

- 2 parents
- pleasure
- genetic diversity

Negatives

- (examples)
- starfish, yeast, bacteria
 - no genetic diversity

- giving birth
- hard to find partner
- repro rate slower

801 Class notes 10/5

Sexual Reproduction

males - sperm - 23 chromosomes
females - eggs - 23 chromosomes

Human cells - 46 chromosomes

- 23 pairs of chromosomes
- 1 pair determines sex of offspring
- 22 other pairs

