

Asexual vs. Sexual Reproduction Review

Asexual Reproduction occurs when there is only one parent that gives rise to an offspring which has the identical genetic makeup of the parent. It occurs in most single celled organisms such as bacteria and some multicellular organisms such as fungi and some plants.

Sexual Reproduction involves the combining of genetic information from two parents to produce a new organism that is a combination of both parents. It occurs in most complex organisms.

1) Complete the following table comparing asexual and sexual reproduction.

	Asexual Reproduction	Sexual Reproduction
Number of parents		
Genetic info compared to the parents		
Complexity of organism that uses this method		
Example of an organism that uses this method		

2. Name two advantages to sexual reproduction and two disadvantages. Explain your answer.

3. Name two advantages to asexual reproduction and two disadvantages. Explain your answer.

4. Identify what type of reproduction the following organisms use to reproduce:

Organism	Multi-cellular or single-cellular	Asexual	Sexual
Potato			
Paramecium			
Amoeba			
Cat			