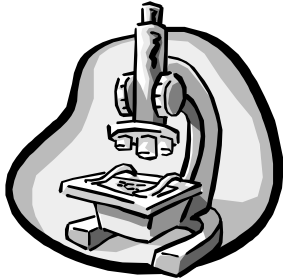


Science 10-Biology

Activity 13

Worksheet on Asexual Reproduction



10

Name _____

Due Date _____

Show Me

Hand In

Correct and Hand In Again By

NOTE: This worksheet is based on material from pages 364-366 in Science Probe.


- There are **five** major ways in which organisms reproduce **asexually**. In each of the following boxes, label a different method of **asexual reproduction** and sketch one organism that uses that method. To the right of each box, list as many organisms as you can that reproduce using that method.

Organisms

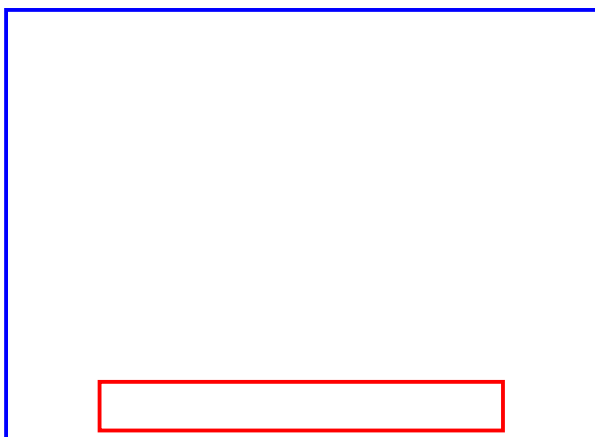
Organisms



Organisms



Organisms



Organisms

2. In asexual reproduction there is _____parent. Are the parent and the offspring different or identical? _____.

3. What is meant by **clones**?

4. Is **asexual reproduction** better when the environment **changes** or when the environment **doesn't change**? _____
Explain your answer.

5. What is the main **advantage** of asexual reproduction?

6. Oysters are a major part of the diet of starfish. Because of this, people who catch oysters for a living used to try and kill starfish by cutting them up and throwing them back into the sea. Suggest why this practice did not reduce the number of starfish.

7. What could happen to a clone of a plant containing a large number of individuals if a virus affecting that plant was to appear?

8. Pretend that ancient apes all of a sudden started reproducing asexually. What would humans be like now?

9. Think of some “pro’s” (advantages) of human cloning.

10. If you were given one choice of a person to clone, who would you choose?

11. Think of some “con’s” (disadvantages) of human cloning.