

Science 10

Lesson 9: Mutations Worksheet

For each of the following examples:

- a. state whether the mutation is an example of a beneficial, harmful or neutral mutation.
- b. explain your reasoning.

1. Poison dart frogs live in the tropical forests of Central and South America. They are normally brightly coloured. A new frog has a mutation that causes it to be green.

a. _____

b. _____

2. Some of the offspring squirrel have longer legs than normal.

a. _____

b. _____

3. Salamanders and other amphibians are able to exchange oxygen and carbon dioxide through their skin. One salamander is born with skin that is thicker than usual.

a. _____

b. _____

4. Sickle cell anemia changes the shape of red blood cells in humans.

a. _____

b. _____

