Mendel and His Peas

Name: _____
Date: _____ Per: _____

1) How are traits and heredity related? _____

2) Describe Mendel's first experiment. _____

3) Describe Mendel's second experiment. _____

4) What's the difference between dominant and recessive traits? _____

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Name: _____
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1) How are traits and heredity related?

Heredity is the passing of traits from parent to offspring. The pea plants had a certain trait, purple flowers, yellow seeds, etc, because of heredity. They got these traits from their parents.

2) Describe Mendel's first experiment.

Mendel took two purebreds with a different trait and cross-pollinated them. The offspring of those plants only had the dominant trait.

3) Describe Mendel's second experiment.

Mendel took the offspring from his first experiment and let them self-pollinate. He observed the dominant and the recessive trait. If done enough times, the ratio of dominant to recessive was 3:1.

4) What's the difference between dominant and recessive traits?

The dominant trait is the one that appears more often than the recessive trait..