

Guiding Question

Are alleles always dominant or recessive?



7th GRADE SCIENCE

Homework

#

Name: _____

Date: _____

Homeroom: _____

Hair color in certain breeds of horses can be brown (H^B or B), white (H^W or W), or palomino (a tan color resulting from the heterozygous genotype).

- (1) What is the pattern of inheritance in this example?

- (2) What is the genotype for horses with brown hair? _____
- (3) What is the genotype for horses with white hair? _____
- (4) What is the genotype for palomino horses? _____
- (5) Complete the Punnett square below to show a cross between a brown horse and a palomino horse.

- a. What is the probability that an offspring will have brown hair? _____
- b. What is the probability that an offspring will have white hair? _____
- c. What is the probability that an offspring will be palomino? _____

Earthquakes ▪ *Review and Reinforce*

Forces in Earth's Crust

Understanding Main Ideas

Use the diagrams below to answer items 1–3.

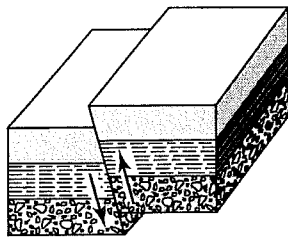


Diagram A

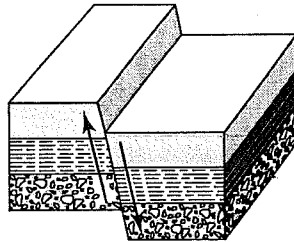


Diagram B

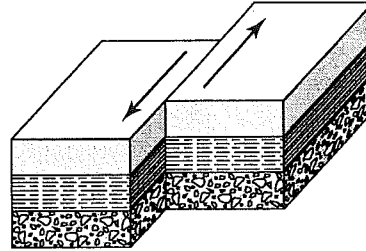


Diagram C

1. Diagram A

- a. Type of Fault: _____
- b. Stress Force: _____
- c. Movement Along Fault: _____

2. Diagram B

- a. Type of Fault: _____
- b. Stress Force: _____
- c. Movement Along Fault: _____

3. Diagram C

- a. Type of Fault: _____
- b. Stress Force: _____
- c. Movement Along Fault: _____

Building Vocabulary

Write a definition for each of these words. Use the back of this sheet if you need more space.

- 4. shearing _____
- 5. hanging wall _____
- 6. syncline _____
- 7. footwall _____
- 8. stress _____
- 9. anticline _____
- 10. plateau _____