

3. Answers will vary. Students should understand that when one gene is expressed, the other is also likely to be expressed.

1. Answers will vary. Students should understand that dark wool is an expression of a dominant gene.

2. Answers will vary. Students might conclude that the same gene that results in dark wool also tends to result in animals with short snouts.

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1. If you learned that dark-wooled sheep tend to produce dark-wooled offspring, what conclusion might you make?
2. If most dark-wooled sheep have shorter snouts than light-wooled sheep, what conclusion might you make?
3. If you learned that dark wool and short snouts were caused by separate genes, what conclusion might you make?