

Pre-Post Genetics of Eye Color

Before reading the article, circle “True” for each true statement and “False” for each false statement in the column on the left. After reading the article, respond to each statement again, circling “True” or “False” in the column on the right.

Pre-Reading		Post-Reading
True or False	1. Brown eyes are dominant over blue eyes.	True or False
True or False	2. Two blue-eyed parents cannot have a child that has brown eyes.	True or False
True or False	3. There is one gene that controls a person’s eye color.	True or False
True or False	4. Two brown-eyed parents can have a child that has green or blue eyes.	True or False
True or False	5. In humans, eye color is controlled by the amount of the pigment melanin.	True or False
True or False	6. OCA2, a gene involved in eye color, produces a protein that is involved in the formation of melanin.	True or False
True or False	7. The gene for blue eyes was discovered in 1907.	True or False
True or False	8. At the genetic level, green eyes are the same as brown.	True or False