Inventors in Belgium have created a device that might enable thousands of blind people to see. The invention includes a small video camera mounted on eyeglasses.

Blindness can occur for many different reasons. One reason is damage to the retina, the membrane that lines the inner eyeball. The retina picks up visual messages in the form of light. Then it sends those messages to the brain through the optic nerve. If a person's retina is not working, messages are not sent to the brain.

The Belgian scientists created a tiny electronic device that takes over for a damaged retina. They implant the device inside the blind person's head, just behind the eye. The patient wears a pair of glasses with a little video camera mounted on them. The camera takes pictures and sends the images to the implant in the head. Then the implant electronically stimulates the optic nerve, sending the visual images to the brain. The scientists have tested the device in two patients. The results have been promising.
Device May Help Blind People See - Main Idea Questions

Name: ___________________________________ Date: _______________

1. The main idea of this passage is
   A. scientists in Belgium are concerned about the visually impaired.
   B. scientists have tested their device on two patients.
   C. scientists invented a device to help blind people see.
   D. many people are blind from a damaged retina.

2. Which of the following does not necessarily support the main idea?
   A. The scientists are in Belgium.
   B. The device includes special glasses for the patient to wear.
   C. Scientists need to implant a device behind the patient's eye.
   D. The device sends messages to the optic nerve.

3. Before the device stimulates the optic nerve,
   A. a visual message goes to the brain.
   B. the person is aware of what he or she is seeing.
   C. a camera is mounted on glasses.
   D. all of the above.

4. The retina
   A. sends message to the brain.
   B. picks up visual information as light.
   C. determines what color eyes you have.
   D. protects the eye.

5. List a detail and explain how it supports the main idea.

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
1. The main idea of this passage is
   A. scientists in Belgium are concerned about the visually impaired.
   B. scientists have tested their device on two patients.
   **C. scientists invented a device to help blind people see.**
   D. many people are blind from a damaged retina.

2. Which of the following does not necessarily support the main idea?
   A. The scientists are in Belgium.
   B. The device includes special glasses for the patient to wear.
   C. Scientists need to implant a device behind the patient's eye.
   D. The device sends messages to the optic nerve.

3. Before the device stimulates the optic nerve,
   A. a visual message goes to the brain.
   B. the person is aware of what he or she is seeing.
   **C. a camera is mounted on glasses.**
   D. all of the above.

4. The retina
   A. sends message to the brain.
   **B. picks up visual information as light.**
   C. determines what color eyes you have.
   D. protects the eye.

5. List a detail and explain how it supports the main idea.

   Answers will vary. Students should describe how a detail from the passage supports the main idea.