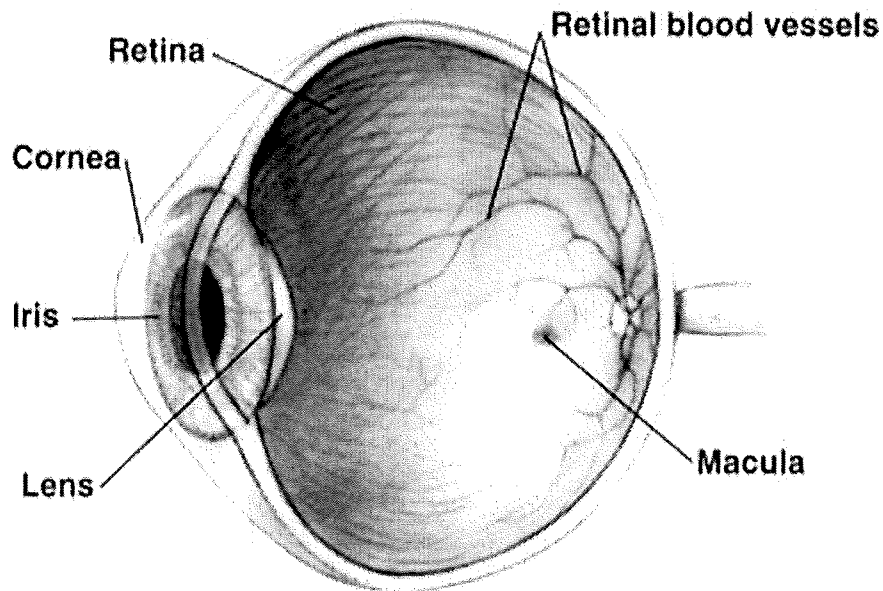


Device May Help Blind People See



parts of the human eye

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.

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.

Name : _____

Score : _____

Teacher : _____

Date : _____

Word Problems

- 1) Fred got fast food for lunch. Fred spent \$1 on a sandwich and \$4.84 on fries. Fred paid with a 20 dollar bill. What was the total of the lunch bill? _____
- 2) Jason purchased a racing game for \$9.97, and a Superman game for \$14.36. Jason already owns 4 games. How much did Jason spend on video games? _____
- 3) Joan bought 4 packs of basketball cards for \$2.63 each, and a deck of Pokemon cards for \$5.82. Joan found \$6.61 in her pocket. How much did Joan spend on cards? _____
- 4) Keith went to the mall on Saturday to buy clothes. He spent \$14.07 on shorts and \$11.49 on a shirt. In total, how much money did Keith spend on clothing? _____
- 5) For his car, Benny spent \$124.92 on speakers and \$110.26 on new tires. In total, how much did Benny spend on car parts? _____
- 6) On Sunday, Jessica spent \$5.54 each on two tickets to a movie theater. Popcorn was \$2.84, but Jessica didn't buy any. She also borrowed a movie for \$14.77. How much money in total did Jessica spend on movies? _____
- 7) Nancy joined her school's band. She bought a trombone for \$103.37, and a song book which was \$5.90. How much did Nancy spend at the music store? _____
- 8) Benny spent \$10.01 on a hamster toy, and a cage cost him \$7.61. What was the total cost of Benny's purchases? _____
- 9) Mike bought some toys. He bought marbles for \$8.25, and spent \$13.19 on a baseball. In total, how much did Mike spend on toys? _____
- 10) Tom paid \$11.40 total for cherries, after a 3 dollar coupon, and \$9.85 for bananas. In total, how much money did Tom spend? _____



Name _____

Suffixes: *-able*, *-est*, *-less*

Look Out Below!

Read the word list.

Add the suffix *-able*, *-est*, or *-less* to each word.

Write each new word on the correct cloud.

Word List

break	drink	smart
cloud	fast	spot
color	fear	train
comfort	poor	wash
dark	small	weight

-able

-est

-less

Now for each suffix, think of one more word that ends with that suffix. Write the word on the last line of each cloud.