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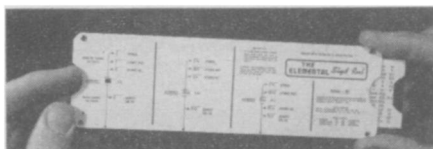
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# Questions

**CHEMISTRY**—What gas is used to activate a new kind of dry battery capable of operating at low temperatures? p. 248.

**GEOPHYSICS**—What are the advantages of the Polar orbit followed by the Russian satellite? p. 244.

What is the magnetic equator? p. 246.

**METALLURGY**—How high a temperature can niobium alloys withstand? p. 247.

**PUBLIC HEALTH**—What effects did large doses of chlorpromazine have on normal monkeys? p. 251.

Photographs: Cover and p. 243, National Advisory Committee for Aeronautics; p. 245, U. S. Naval Research Laboratory; p. 247, Westinghouse Electric Corp.; p. 250, John J. Loughlin; p. 256, Flick-Reedy Corp.

#### ASTRONOMY

## Order Second Printing Of Astronomical Atlas

➤ A SECOND PRINTING for the unique Sky Survey's monumental atlas of the heavens has been ordered following the astronomical sale of the 100 copies from the first printing. (See SNL, June 19, 1954, p. 388.)

Ten orders are now on hand for the 1,758 outstandingly beautiful photographs. Each copy of the atlas fills nine filing cabinets and costs more than \$2,000 to print. The 14-inch-square photographs, covering all the sky visible from Mt. Palomar, Calif., were taken with the 48-inch Schmidt telescope.

The Atlas is the result of the National Geographic Society-Palomar Observatory Sky Survey. Mount Wilson and Palomar Observatories are jointly operated by the Carnegie Institution of Washington and the California Institute of Technology. Orders for the second printing will be accepted through April, 1958.

Copies from the original printing were shipped in sections to observatories, universities and astronomical organizations around the world, including behind the Iron Curtain. A few individuals placed orders for the volume, which sells at about cost.

Science News Letter, October 19, 1957

## Do You Know?

By studying the folds and hummocks of Antarctic ice, scientists hope to get clues to the way the Alps, Himalayas, Rockies and other mountain ranges were formed.

Heart disease has been the leading cause of death in the U. S. since before World War I, except during the 1918 influenza pandemic.

Meteor showers probably result from the passage of the earth through the same part of space traversed, in times past, by a comet.

