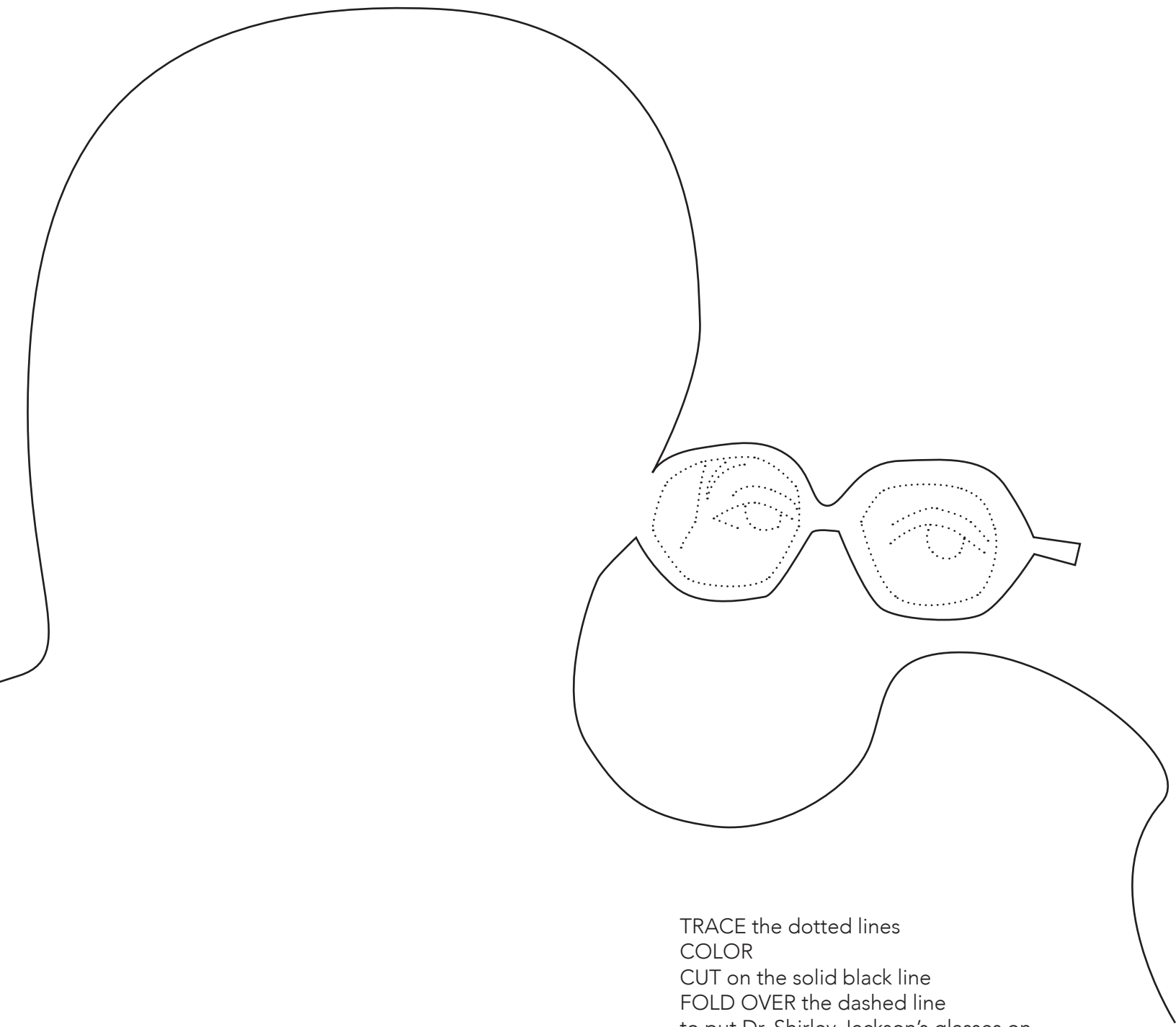




Dr. Shirley Jackson is an American physicist and in 1973, became the first African-American woman to earn a doctorate (Ph.D.) in nuclear physics at the Massachusetts Institute of Technology (MIT). In addition to her lengthy list of academic achievements, she also has an impressive number of inventions under her belt.

Her experiments with theoretical physics paved the way for numerous developments in the telecommunication space including the **touch-tone telephone**, the **portable fax**, **caller ID**, **call waiting**, and the **fiber-optic cable**. Today, Dr. Shirley Jackson is the 18th president of Rensselaer Polytechnic Institute in Troy, New York.



TRACE the dotted lines
COLOR
CUT on the solid black line
FOLD OVER the dashed line
to put Dr. Shirley Jackson's glasses on