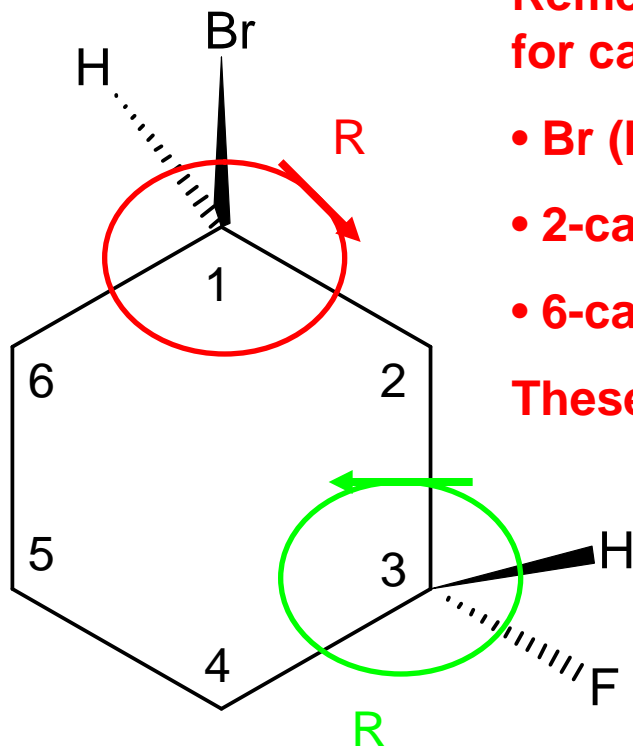


In this example, H (lowest priority) is already in back.



Remember the Cahn-Ingold-Prelog priorities for carbon 1:

- Br (highest atomic number)
- 2-carbon (closer to F substituent)
- 6-carbon

These are oriented clockwise, so this is an R.

For the 3-carbon, H is in front, but let's assign the Cahn-Ingold-Prelog priorities anyway:

- F (highest atomic number)
- 2-carbon (closer to Br substituent)
- 4-carbon

These are oriented counterclockwise, implying an S. But because H is in front, this is really an R.