**Binocular Moon Observing Challenge**

**Waxing Crescent Moon**

**Primary binocular features:**

[  ] Mare Crisium

[  ] Langrenus

[  ] Theophilus and Cyrillus

**First Quarter Moon**

**Primary binocular features in addition to those at crescent phase:**

[  ] Proclus crater ray system

[  ] Mare Serenitatis, Mare Tranquillitatis, and Mare Fecunditatis

[  ] Furnerius A and Stevinius A crater ray systems

[  ] Mare Nectaris

[  ] Alps, Caucasus, and Apennine Mountains

[  ] Plato

[  ] Tycho

**Waxing Gibbous Moon**

**Primary binocular features in addition to those at crescent and 1st quarter phases:**

[  ] Mare Vaporum

[  ] Tycho crater ray system

[  ] Mare Imbrium

[  ] Copernicus crater ray system

[  ] Mare Nubium

[  ] Mare Humorum

[  ] Kepler crater ray system

[  ] Aristarchus crater ray system