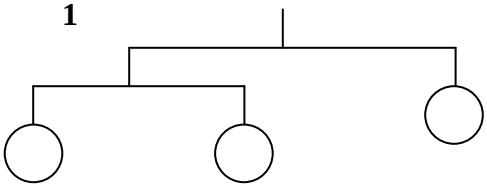
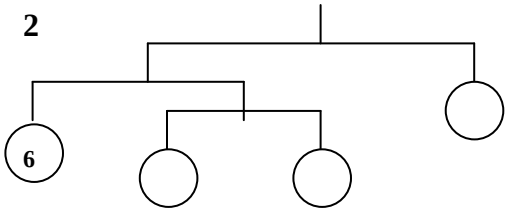
ARCHIMEDES' MOBILES

Archimedes' discoveries about balance have many common applications, including hanging mobiles. Find the value of each weight in these balanced mobiles. Disregard the weight of the connecting rods.

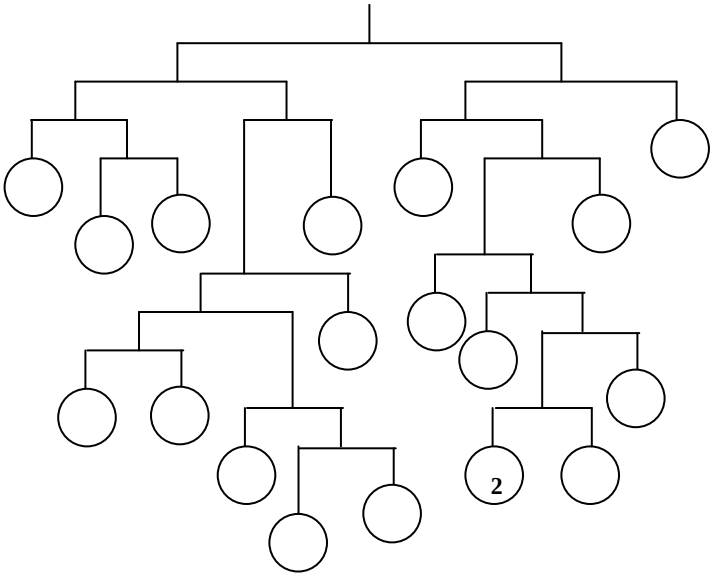
1



2



3



4. Create a mobile and challenge a classmate to make it balance. Be sure you know how to make it balance.

[Adapted from: Historical Connections in Mathematics, Volume I, ©AIMS Education Foundation, pg. 14, http://www.AIMSedu.org]