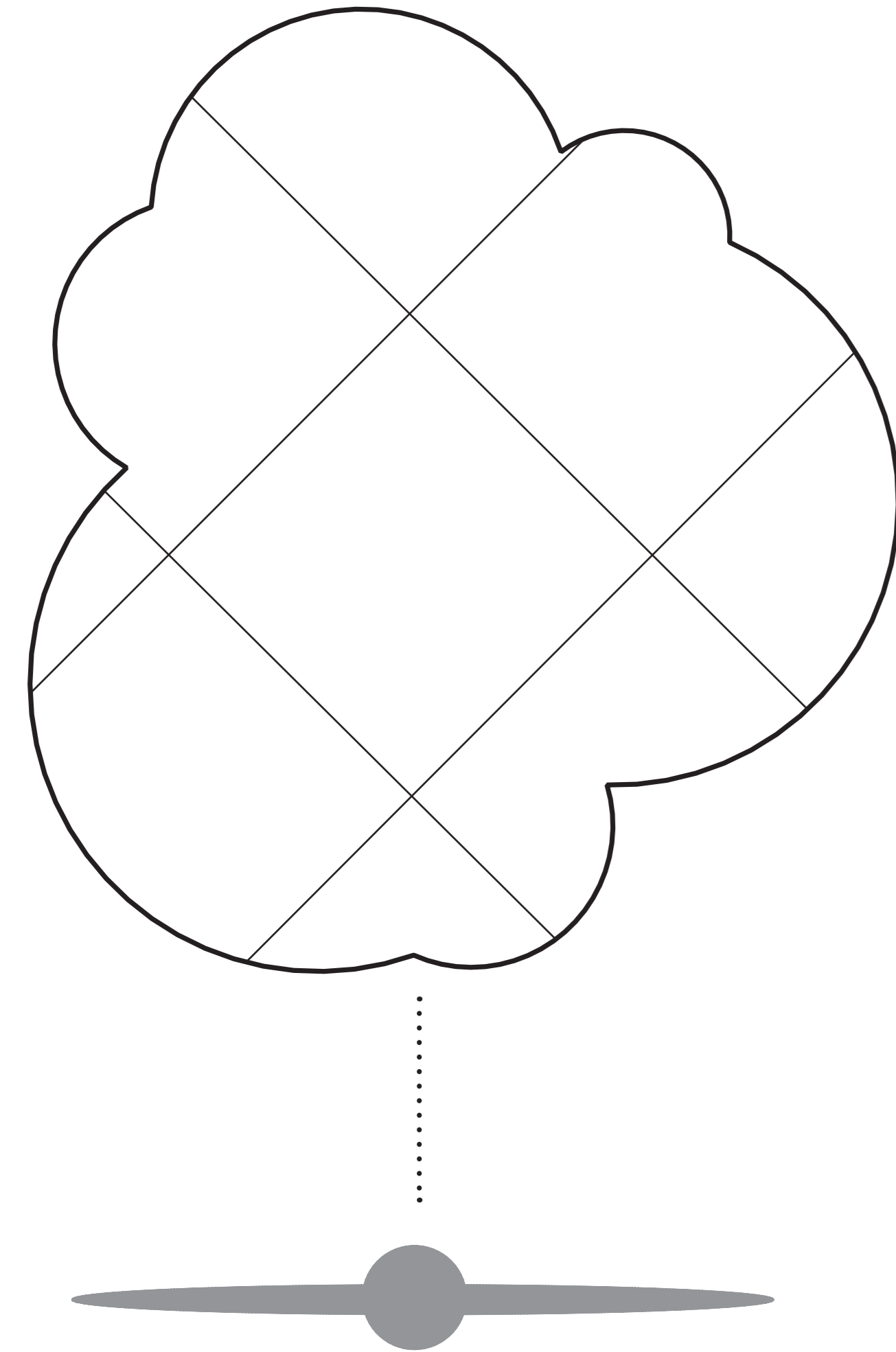


BIRTH STAGE

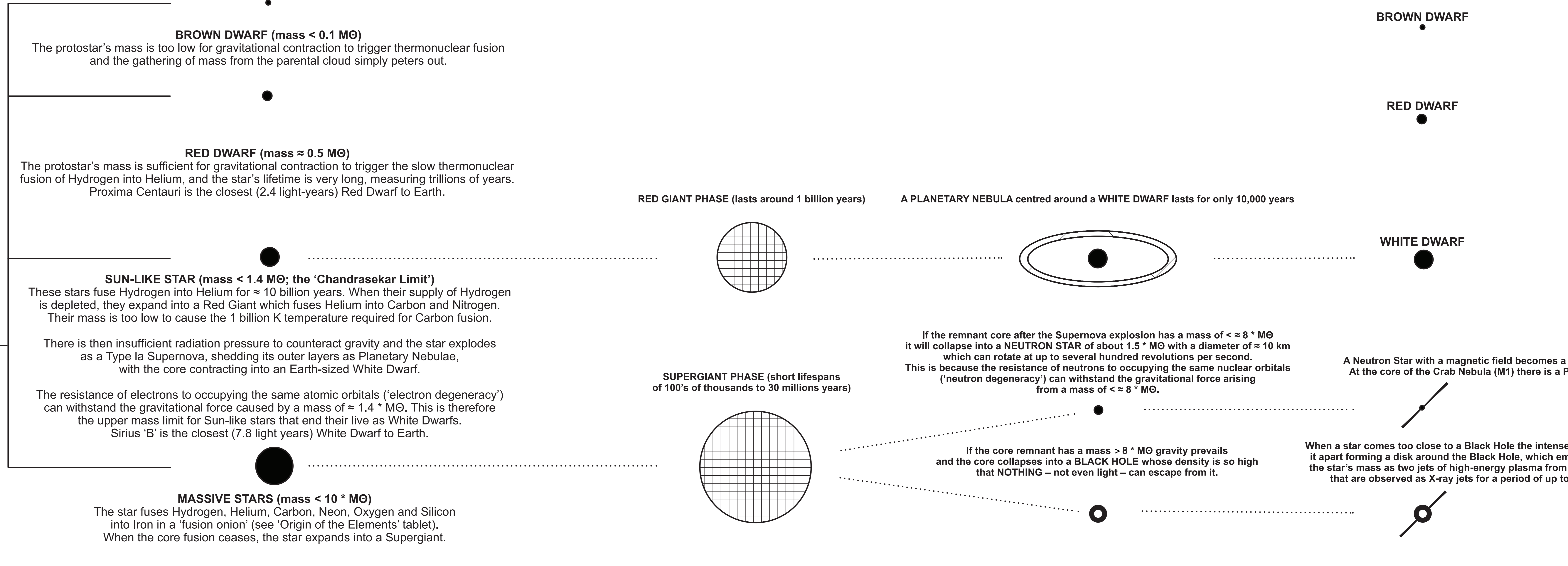
All stars form from huge (100 light years), cold (5 – 10 K or -268°C to -263°C) molecular clouds comprising mainly Hydrogen through gravitational collapse. The cloud may even collapse into separate, smaller clouds that eventually become multiple stars or even open clusters of stars.



Each cloud collapses into a protostar with most of the cloud's mass at its core with a protoplanetary disk around it from which planets can form.

STELLAR EVOLUTION THE BIRTH & DEATH OF STARS

The life cycle of every star is determined entirely by its formation mass



FORMATION MASS ==>



EVOLUTIONARY PATH ==>