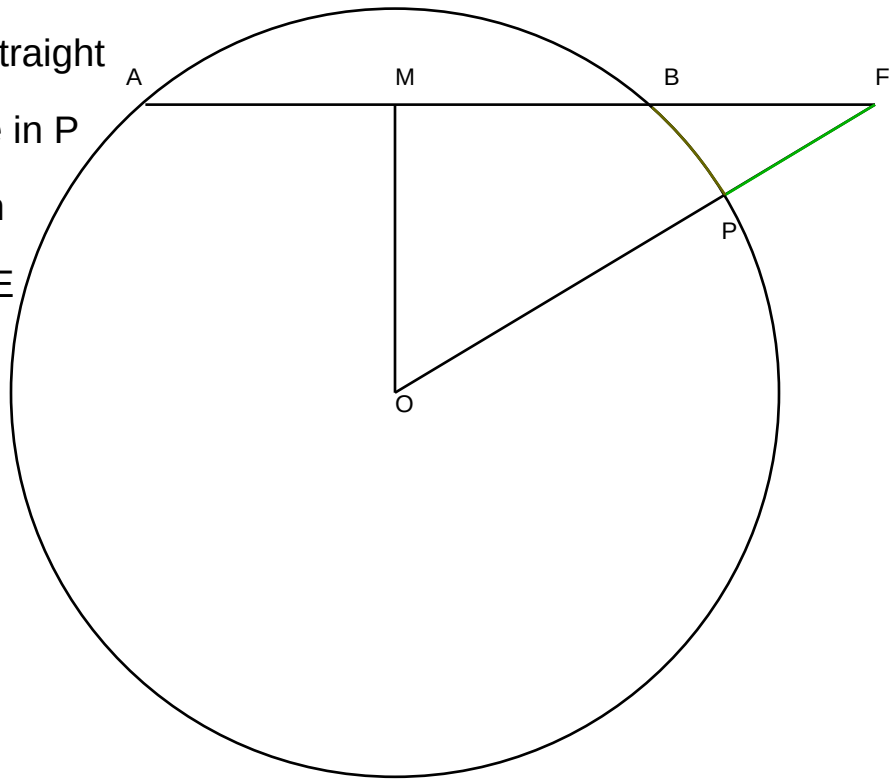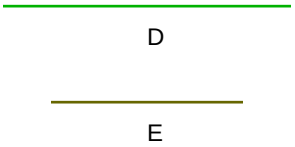Given a circle with centre O, a chord AB less than the diameter, and the perpendicular OM from O on AB, it is possible to draw from O a straight line OPF, meeting the circle in P and AB produced in F, such that FP:PB = D:E where D:E is any given ratio greater than BM:MO.