Four Tangent Circles

The next four drawings come from a theorem (Coxeter's "Intro to Geometry", p14) that states:
"With any four circles that are tangent to one another, we get 6 points of tangency. These same 6 points are the points of tangency for one other set of four tangent circles."

You can use each of drawings to find the other set of four circles tangent to one another.