Circles for the Grid

$(x-2)^2+(y-3)^2=4$
$(x-3)^2+(y+1)^2=4$
$(x+4)^2+(y+2)^2=4$
$(x-2)^2+(y-3)^2=1$
$(x+3)^2+(y-3)^2=18$
$(x-3)^2+(y-8)^2=20$
$(x+2)^2+(y-3)^2=9$
$(x-3)^2+(y+4)^2=9$
$(x-3)^2+(y+1)^2=9$
$(x+4)^2+(y+2)^2=9$

x

Circles for the Grid

$(x+3)^2+(y-5)^2=16$
$(x+4)^2+(y+3)^2=25$
$(x-4)^2+(y-13)^2=2$
$(x+4)^2+(y+3)^2=16$
$(x-5)^2+(y+3)^2=16$
$(x-1)^2+(y-5)^2=9$
$(x-4)^2+(y-3)^2=9$
$(x+3)^2+(y-1)^2=20$
$(x-2)^2+(y-3)^2=12$
$(x+2)^2+(y-3)^2=10$

Circles for the Grid

Find equation cards to complete the requirements of each section of the grid below.

These circles have the same radius.	This circle touches the *y* axis.
This circle intersects both axes.	These circles have the same centre.
These circles have centre (-2, 3).	This circle intersects the *x* axis but not the *y* axis.
This circle passes through the point (5, 12).	This circle does not intersect either axis.
These circles pass through the origin.	These circles have radius 4.