$(x-9)^2+(y-5)^2=52$	Circle: Centre $(0,4)$ Radius 4	$x^2+y^2-5x+3y=0$	Circle: Centre $\left(\frac{3}{2},0\right)$ Radius $\frac{3}{2}$
$x^2+y^2-8y=0$	Circle: Centre $(-3,1)$ Radius 5	$x^2-3x+y^2=0$	Circle: Centre $(-3,\ 5)$ Radius 2.5
$(x+3)^2+(y-1)^2=25$	Circle: Centre $(-1,-3)$ Radius 3	$x^2+6x+y^2-10y=-27.75$	Circle Centre $(1,\ -1)$ Radius $\sqrt{2}$
$x^2+y^2+2x+6y+1=0$	Circle: Centre $(4,-3)$ Radius 5	$x^2+y^2-2x-2y=0$	Circle for which the line joining points $(-1,\ 4)$ and $(3,\ 6)$ is a diameter
$x^2+y^2-8x+6y=0$	Circle: Centre the origin Radius 8	$x^2-2x+y^2-10y+21=0$	Circle for which the line joining points $(4,\ 0)$ and $(3,\ 5)$ is a diameter
$x^2+y^2=64$	Circle: Centre $\left(\frac{5}{2},-\frac{3}{2}\right)$ Radius $\sqrt{34}/2$	$(x-3.5)^2+(y-2.5)^2=6.5$	Circle for which the line joining points $(5,\ -1)$ and $(13,\ 11)$ is a diameter

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