GEOMETRY Name_____

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7.3 - BACK OF NOTES

Date_____

Use the information provided to write the general conic form equation of each circle.

1) $(x-3)^2+(y+2)^2=49$

2) $(x+8)^2+(y-6)^2=81$

3) $(x-14)^2+(y+4)^2=9$

4) $(x+6)^2+(y+10)^2=64$

5) $(x+2)^2+(y+10)^2=36$

6) $(x+6)^2+(y-3)^2=25$

Use the information provided to write the standard form equation of each circle.

7) $x^2+y^2-32x+18y+328=0$

8) $x^2+y^2-12x+2y-63=0$

9) $x^2+y^2+32x+26y+424=0$

10) $x^2+y^2+10x+8y-80=0$

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GEOMETRY Name_____

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7.3 - BACK OF NOTES

Date_____

Use the information provided to write the general conic form equation of each circle.

1) $(x-3)^2+(y+2)^2=49$

$x^2+y^2-6x+4y-36=0$

2) $(x+8)^2+(y-6)^2=81$

$x^2+y^2+16x-12y+19=0$

3) $(x-14)^2+(y+4)^2=9$

$x^2+y^2-28x+8y+203=0$

4) $(x+6)^2+(y+10)^2=64$

$x^2+y^2+12x+20y+72=0$

5) $(x+2)^2+(y+10)^2=36$

$x^2+y^2+4x+20y+68=0$

6) $(x+6)^2+(y-3)^2=25$

$x^2+y^2+12x-6y+20=0$

Use the information provided to write the standard form equation of each circle.

7) $x^2+y^2-32x+18y+328=0$

$(x-16)^2+(y+9)^2=9$

8) $x^2+y^2-12x+2y-63=0$

$(x-6)^2+(y+1)^2=100$

9) $x^2+y^2+32x+26y+424=0$

$(x+16)^2+(y+13)^2=1$

10) $x^2+y^2+10x+8y-80=0$

$(x+5)^2+(y+4)^2=121$

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