

worksheet 5-8 Equation of Circles



Mleih School Grade :10 General

Standard form of circle equation:

$$(x-h)^2 + (y-k)^2 = r^2$$

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Fill in the blank to make the circle equation in standard form, then state the center and radius of the circle.

64 , 16x , 0 , 0 , 8 , -8

1) $x^2 + y^2 - 16x = 0$

 $x^2 - \boxed{ +y^2 = \boxed{ }}$

 $(x)^2 + y^2 =$

 \therefore r = and the center at (,)