الإمارات العربية المتحدة
وزارة التربية والتعليم

worksheet 5-8 Equation of Circles

Mleih School

المدرسة الإماراتية

Grade :10 General

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Standard form of circle equation:
$$(x - h)^2 + (y - k)^2 = r^2$$

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

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

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

$(x \boxed{})^2 + y^2 = \boxed{}$

∴ r = $\boxed{}$ and the center at ($\boxed{}$, $\boxed{}$)