

HW Worksheet: Review of Circles

⑨ $x^2 + y^2 = 1$ ⑩ $(x+5)^2 + (y+3)^2 = 4$

⑫ $(x+3)^2 + (y-4)^2 = 2.25$ ⑬ $x^2 + y^2 = 49$

⑭ $(x-3)^2 + (y-5)^2 = 144$ ⑮ $(x-2)^2 + y^2 = \frac{1}{4}$

⑯ $x^2 + (y+2)^2 = 16$ ⑰ $(x+1)^2 + (y+3)^2 = 16$
C: (0, -2) r = 4 C: (-1, -3) r = 4

⑱ $(x-6)^2 + (y+3)^2 = 64$ ⑲ $(2)^2 + (2)^2 ? 9$
C: (6, -3) r = 8 8 < 9
Inside

⑳ $(12-6)^2 + (3+1)^2 ? 49$
52 > 49
outside

㉑ $(x-(-3))^2 + (y-(-4-2))^2 = 16$
 $(x+2)^2 + (y+6)^2 = 16$