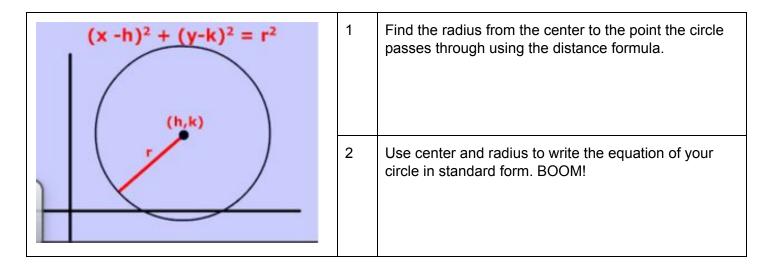
WRITING AN EQUATION OF A CIRCLE GIVEN ITS CENTER AND A POINT ON THE CIRCLE



EXAMPLE 1: Find an equation of the circle that has center (-2,2) and passes through (4,0).

EXAMPLE 2: Find an equation of the circle that has center (-5,6) and passes through (2,-4).