

Name: \_\_\_\_\_

Date: \_\_\_\_\_

PCH: Writing Equation of Circle Given 3 points Homework

1. Write the equation of a circle that passes through  $(-7,6)$ ,  $(9,6)$ , and  $(-4,13)$ .
2. Write the equation of a circle that passes through  $(2,1)$ ,  $(0,5)$ , and  $(-1,2)$ .

Additional Practice

3. Write the equation of a circle that passes through  $(-18,-5)$ ,  $(-7,-16)$ , and  $(4,-5)$ .