

In class work Week 1 has questions 1 through 3 with a total of 15 points. This assignment is due at the end of the class period (9:55 AM).

- 5 1. Find the *distance* between the points  $(7, 9)$  and  $(-1, -2)$ .
- 5 2. The *midpoint* of points  $P$  and  $(5, 6)$  is  $(-2, 3)$ . Find the *coordinates* of the point  $P$ .
- 5 3. Are the three points  $(7, 9)$ ,  $(-1, -2)$ , and  $(0, 10)$  the vertices of a right triangle? Explain.