Distance Formula 

Find the distance between

 (2, 3) and (6, 6) (-4, -4) and (2, 0)

Verify that the ∆ABC is a right triangle. Then find its area.

 A = (-2, 5), B = (1, 3), and C = (-1, 0)

Midpoint Formula 

Find the midpoint of the segment joining

 (2, 3) and (6, 6) (-4, -4) and (2, 0)