77

**S1**

**S2**

40

**S1**

**S2**

**S3**

**S4**

**S3**

**S4**

**4.9a, no collision**

**4.9b, collision**

**4.9 c, no collision**

**4.9d, pseudo collision**

(x, y) location of snowman, s1

**Figure 4.9Non-collided and collided game pieces.**