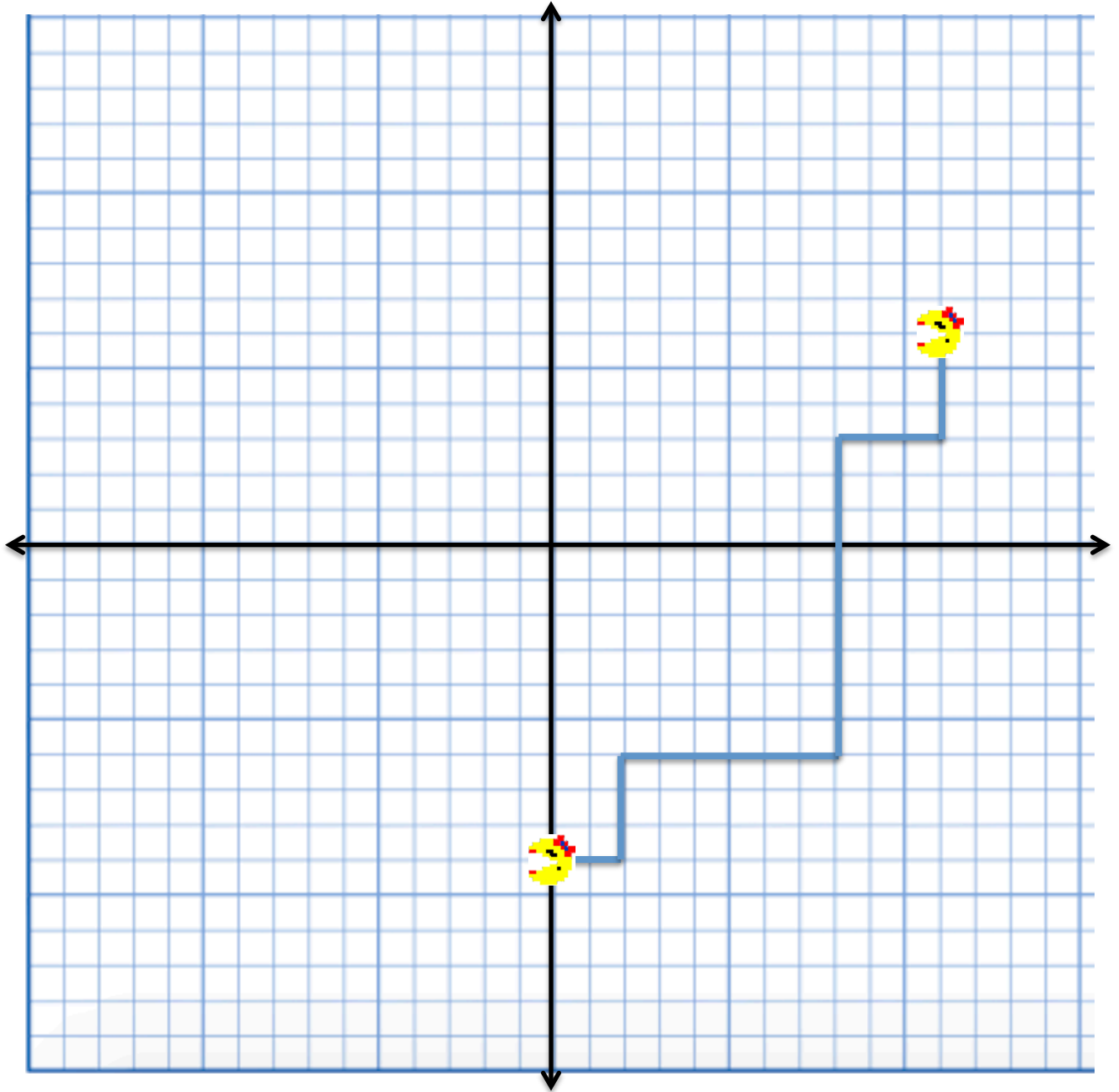


Name \_\_\_\_\_

### Ms Pac Man



# Ms Pac Man

Description	Rule
1. Start at (0, -9)	1. _____
2. Reflect across $x = \underline{\hspace{1cm}}$	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
8. _____	8. _____
9. _____	9. _____
10. _____	10. _____
11. _____	11. _____
12. _____	12. _____
13. _____	13. _____
14. _____	14. _____
_____	_____

1. Start at  $(0, -9)$
2. Reflection across line  $x = 0$
3. Translation 2 units right to  $(2, -9)$
4. Rotation  $90^\circ$  counterclockwise
5. Translation 3 units up to  $(2, -6)$
6. Rotation  $90^\circ$  clockwise
7. Translation 6 units right to  $(8, -6)$
8. Rotation  $90^\circ$  counterclockwise
9. Translation 9 units up to  $(8, 3)$
10. Rotation  $90^\circ$  clockwise
11. Translation 3 units right to  $(11, 3)$
12. Rotation  $90^\circ$  counterclockwise
13. Translation 3 units up to  $(11, 6)$
14. Four possibilities (UP THEN LEFT)
  1. Reflection across line  $x = 11$  AND Rotation  $90^\circ$  counterclockwise
  2. Rotation  $90^\circ$  clockwise AND Reflection across line  $x = 11$
  3. Reflection over  $y = 6$  AND Rotation  $90^\circ$  clockwise
  4. Rotation  $90^\circ$  counterclockwise AND Reflection over  $y = 6$