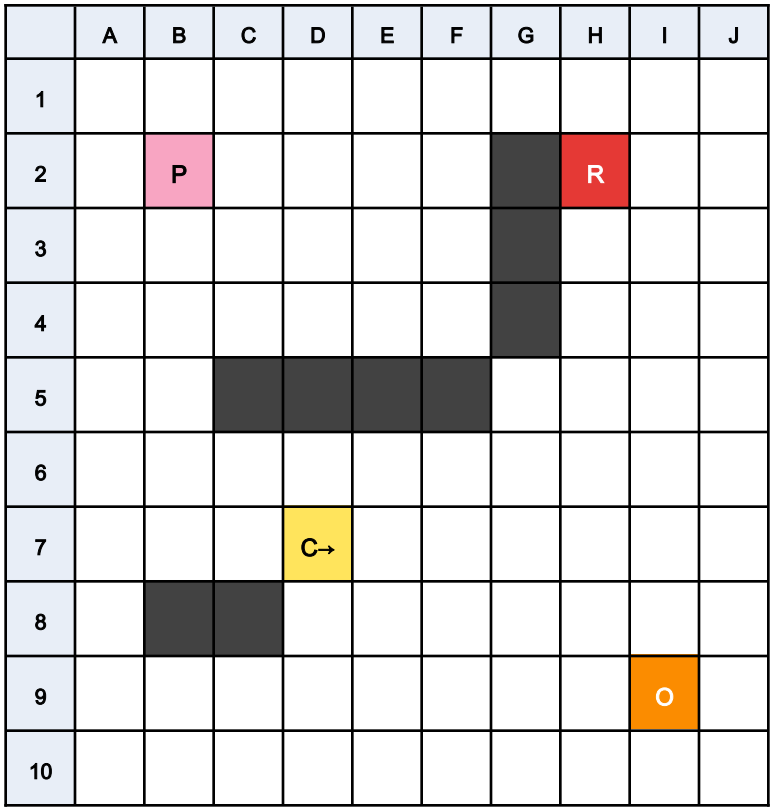
Worksheet: How Do the Ghosts Chase You?

C is Pac-Man (he looks like a C!). The arrow shows which way he is facing. **R** = Red ghost, **P** = Pink ghost, **O** = Orange ghost. Dark squares are walls. **Steps** = squares across + squares up or down.

Red: I go to Pac-Man's square.	**Pink:** I go to the square 4 steps in front of Pac-Man.	**Orange:** If Pac-Man is more than 8 steps away, I chase him. If he is 8 steps or closer, I run to my corner, A10.

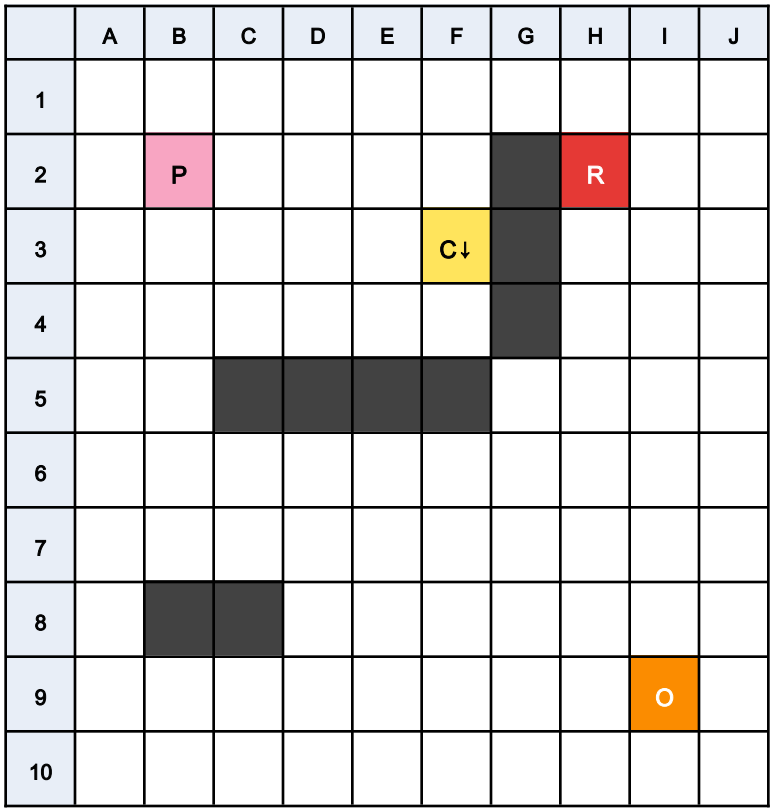


1. Write **r**, **p** and **o** in each ghost's target square.

2. Red moves one square (up, down, left or right — not into a wall) to the square closest to its target. Red moves to: _____

3. Orange is _____ steps from Pac-Man. So Orange will: chase / run to its corner.

4. Pac-Man moved to F3 and now faces down ↓. The ghosts have not moved yet. Write **r**, **p** and **o** in the new target squares.



Orange is _____ steps from Pac-Man now. What changed for Orange?

_____

5. My own ghost: color _____ Rule 1: _____

Rule 2: _____ Its personality is: _____

At home (with a parent)

Play ghost tag with a parent: one is Pac-Man, one is your ghost. The ghost may only follow your rule card.

Could my parent guess my ghost's rule? Yes / No Parent's initials: _____