

Name \_\_\_\_\_

Date \_\_\_\_\_

Four runners ran the last race on field day. Each runner finished in a different place and wore a different color shirt.

Use the clues to find each runner's place and shirt.

## Clues

- Ben finished behind Ivy.
- The runner who wore the yellow shirt finished behind Noah.
- Ben finished one place ahead of the runner who wore the red shirt.
- The runner who finished 2nd wore the yellow shirt.
- The runner who finished 1st wore the green shirt.

|       |        | Place |     |     |     | Shirt |        |     |        |
|-------|--------|-------|-----|-----|-----|-------|--------|-----|--------|
|       |        | 1st   | 2nd | 3rd | 4th | green | yellow | red | orange |
| Name  | Ben    |       |     |     |     |       |        |     |        |
|       | Ivy    |       |     |     |     |       |        |     |        |
|       | Mia    |       |     |     |     |       |        |     |        |
|       | Noah   |       |     |     |     |       |        |     |        |
| Shirt | green  |       |     |     |     |       |        |     |        |
|       | yellow |       |     |     |     |       |        |     |        |
|       | red    |       |     |     |     |       |        |     |        |
|       | orange |       |     |     |     |       |        |     |        |

## Answers

### Ben

\_\_\_\_\_ place  
\_\_\_\_\_ shirt

### Ivy

\_\_\_\_\_ place  
\_\_\_\_\_ shirt

### Mia

\_\_\_\_\_ place  
\_\_\_\_\_ shirt

### Noah

\_\_\_\_\_ place  
\_\_\_\_\_ shirt

## Three grids, one answer

A • joins two things, so they share every other mark. When you find a •, look along both of its lines into the other grids and copy each X and • from one to the other.

New to logic puzzles? See [printablescholar.com/logic-puzzles/how-to-solve](http://printablescholar.com/logic-puzzles/how-to-solve)

# The Field Day Race

A ● marks a yes and an X marks a no. Every box can be filled in from the clues.

| Name | Place | Shirt  |
|------|-------|--------|
| Ben  | 3rd   | orange |
| Ivy  | 2nd   | yellow |
| Mia  | 4th   | red    |
| Noah | 1st   | green  |

|       |        | Place |     |     |     | Shirt |        |     |        |
|-------|--------|-------|-----|-----|-----|-------|--------|-----|--------|
|       |        | 1st   | 2nd | 3rd | 4th | green | yellow | red | orange |
| Name  | Ben    | X     | X   | ●   | X   | X     | X      | X   | ●      |
|       | Ivy    | X     | ●   | X   | X   | X     | ●      | X   | X      |
|       | Mia    | X     | X   | X   | ●   | X     | X      | ●   | X      |
|       | Noah   | ●     | X   | X   | X   | ●     | X      | X   | X      |
| Shirt | green  | ●     | X   | X   | X   |       |        |     |        |
|       | yellow | X     | ●   | X   | X   |       |        |     |        |
|       | red    | X     | X   | X   | ●   |       |        |     |        |
|       | orange | X     | X   | ●   | X   |       |        |     |        |