

# NERD CAMP LOGIC PUZZLES

## ANSWER KEY

### PACKING PUZZLE

He packs 3 hats: one black, one white, and one blue.

### MAIL MAYHEM

It took 2 days to arrive.

If today is Monday, Zack mailed the letter the day after the day before yesterday—or yesterday, Sunday. It arrived the day before the day after tomorrow—or tomorrow, Tuesday. Therefore it took 2 days to arrive.

### BRAIN BOGGLER

The letter E.

### COLOR WAR CONUNDRUM

The green team member is wearing red, the red team member is wearing yellow, and the yellow team member is wearing green.

Since the green team member is talking to someone wearing yellow, that means he cannot be wearing yellow. Since he can't be wearing his own color, green, either, he must be wearing red. The person wearing yellow can't be wearing yellow (his own color) or red (the green team member is wearing red), so he is wearing green. That means the red team member is wearing yellow.

You can also use a chart to solve it:

	Green shirt	Red shirt	Yellow shirt
Green team member	no	YES	no
Red team member	no	no	YES
Yellow team member	YES	no	no

### DEDUCTIVE REASONING DILEMMA

	Kickball	Improv	Geography Bee	Book Club
Gabe	no	no	no	YES
Nikhil	no	no	YES	no
Wesley	no	YES	no	no
Amanda	YES	no	no	no